

20010201.qrp v02_n085.qrl.20010201

Date: Thu, 1 Feb 2001 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2085

QRP-L Digest 2085

Topics covered in this issue include:

- 1) [90296] Re: Orlando Hamvention
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 2) [90297] HW-9 for sale
by Duffer <hduff@ica.net>
- 3) [90298] Antenna Feed Lines -- perplexing qq's
by stjohn@ocsnet.net
- 4) [90299] History of Camping Equipment
by "Ron Polityka" <wb3aal@fast.net>
- 5) [90300] Re: Orlando Hamvention
by Joseph I Pirkle <ad4ih@juno.com>
- 6) [90301] Re: OT: Behind schedule on scoring sites
by Bruce Rattray <rattray@gpfn.sk.ca>
- 7) [90302] PSK-20 PA Mod?
by Phil Wheeler <w7ox@earthlink.net>
- 8) [90303] Re: Antenna Feed Lines -- perplexing qq's
by Bob Nielsen <nielsen@oz.net>
- 9) [90304] Not hearing WOMC..
by Fred Lesnick <flesnick@tbaytel.net>
- 10) [90305] Re: QRPTTF: big plans in No Calif!
by "John Moriarity" <k6qq@hdo.net>
- 11) [90306] FOX - Not hearing WOMC..
by "David Bixler" <qrp@netins.net>
- 12) [90307] Re: FOX - Not hearing WOMC..
by "Michael Melland" <badger@vbe.com>
- 13) [90308] Re: QRPTTF: big plans in No Calif!
by Phil Wheeler <w7ox@earthlink.net>
- 14) [90309] OT -INSTRUCTOGRAPH
by Joseph I Pirkle <ad4ih@juno.com>
- 15) [90310] Re: FOX - Not hearing WOMC..
by "Tom" <n1tp@worldnet.att.net>
- 16) [90311] Re: FOX - Not hearing WOMC..
by "Stephen M. King" <frastephen@home.com>
- 17) [90312] NEQRP CW Net, 3.561 MHz, Thursday, 1 Feb 01, 9:00 PM EST
by Chuck Ludinsky <cjl@mitre.org>
- 18) [90313] Re: FOX - Not hearing WOMC..
by Bryn Joynes <bryn@pcpractice.com>
- 19) [90314] RE: QRP-L digest 2083

- by Tim ORourke <TORourke@KaiserFT.com>
- 20) [90315] Help needed
by "Bill McCane" <bmccane1@home.com>
- 21) [90316] Re: FYBO Plans
by "Karl F. Larsen" <k5di@zianet.com>
- 22) [90317] FOX Jerry W0MC
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [90318] Re: History of Camping Equipment
by Phil Wheeler <w7ox@earthlink.net>
- 24) [90319] ARRL.NET address bouncing....
by "Larry Wise" <lewise@txwises.com>
- 25) [90320] Re: Orlando Hamvention
by Radioham <radioham@home.com>
- 26) [90321] QRP Kit Suppliers
by Tim ORourke <TORourke@KaiserFT.com>
- 27) [90322] [Dayton2001] Dayton 2001 Rooms
by Hank Kohl K8DD <k8dd@arrl.net>
- 28) [90323] Re: QRP Kit Suppliers
by "ZOOM" <kandrparker@sympatico.ca>
- 29) [90324] Warbler board update
by "George Heron N2APB" <n2apb@erols.com>
- 30) [90325] Re: ARRL.NET address bouncing....
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 31) [90326] ARRL.NET problems...
by W9SUL <pugrad@millcomm.com>
- 32) [90327] Take a gander at this NorCal 20 enclosure
by Embedded Researcg <embres@frontiernet.net>
- 33) [90328] 4017 Transverter Kit updates ... ADE-1 mixer pinout
by "George Heron N2APB" <n2apb@erols.com>
- 34) [90329] FS: Unbuilt Epiphyte 3 (75 Meter SSB Transceiver)
by "John Burnley" <burnleyia@home.com>
- 35) [90330] Re: QRP Kit Suppliers
by Bruce Muscolino <w6toy@erols.com>
- 36) [90331] Re: FOX Jerry W0MC
by Pete Burbank <plburbank@kih.net>
- 37) [90332] More Atlanticon attractions: WB8IMY
by "George Heron N2APB" <n2apb@erols.com>
- 38) [90333] FYBO - N9AW and NK9G operation
by "Jerry Scherkenbach" <jerrys@execpc.com>
- 39) [90334] [ANT] Thanks for DSW-20 Ant ideas
by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
- 40) [90335] Wow....
by "Doug Hauff" <slmachco@fix.net>
- 41) [90336] Enclosure Blow Out at NorCal Meeting
by "Doug Hauff" <slmachco@fix.net>
- 42) [90337] Re: Antenna Feed Lines -- perplexing qq's
by John R Kirby <n3aaz-qrp@juno.com>
- 43) [90338] Evolution of QRP operating and QRP kits - what's next?

by ae5x@netscape.net

44) [90339] Re: Toroid Core Color Code
by John R Kirby <n3aaz-qrp@juno.com>

45) [90340] [CONTEST] N2CQ QRP CONTEST CALENDAR - Feb 2001
by Ken Newman <N2CQ@citnet.com>

46) [90341] Re: Orlando Hamvention
by "Craig A. Ferris" <cferris@aeronix.com>

47) [90342] FYBO
by "Larry Gaalaas" <lgaalaas@qwest.net>

48) [90343] Re: Toroid Core Color Code
by ed.kwik@delphiauto.com

49) [90344] Re: FYBO
by Bruce Rattray <rattray@gpfn.sk.ca>

50) [90345] Re: FYBO
by "Brian" <bmurrey@amexol.net>

51) [90346] Timely shipping or timely notice (WAS: QRP Kit Suppliers & Rainbow Enclosures)
by "Ed Tanton" <n4xy@att.net>

52) [90347] E-QSL
by "Juan Ferrari" <puntrad@usa.net>

53) [90348] Re: FOX Tom's Loud
by Bill Coleman <aa4lr@arrl.net>

54) [90349] Re: Evolution of QRP operating and QRP kits - what's next?
by Bruce Muscolino <w6toy@erols.com>

55) [90350] Re: Evolution of QRP operating and QRP kits - what's next?
by Bruce Muscolino <w6toy@erols.com>

56) [90351] RE: OT -INSTRUCTOGRAPH
by "AI2Q Alex" <ai2q@adelphia.net>

57) [90352] HB: How is it done? - Red Hot Radio Lettering
by "Acito, William" <William.Acito@brooks.com>

58) [90353] Crystal filters
by Lagier Gerard <Gerard.Lagier@cnes.fr>

59) [90354] Re: QRP rig that can be controlled via serial port?
by Jeff <fantbb@yahoo.com>

60) [90355] Re: How is it done? - Red Hot Radio Lettering
by "W7TRX" <w7trx@mindspring.com>

61) [90356] Re: HB: How is it done? - Red Hot Radio Lettering
by K5BDZ@aol.com

62) [90357] Re: Take a gander at this NorCal 20 enclosure
by "Jay Bromley" <w5jay@alltel.net>

63) [90358] Re: HB: How is it done? - Red Hot Radio Lettering
by "Acito, William" <William.Acito@brooks.com>

64) [90359] Feb Bacon Bits
by Shephed@aol.com

65) [90360] arrl.net
by Joseph I Pirkle <ad4ih@juno.com>

66) [90361] Re: HB: How is it done? - Red Hot Radio lettering
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>

- 67) [90362] QRPp has New Column
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 68) [90363] Re: HB: How is it done? - Red Hot Radio Lettering
by crc@io.com
- 69) [90364] Re: QRPp has New Column
by Phil Wheeler <w7ox@earthlink.net>
- 70) [90365] Re: Evolution of QRP operating and QRP kits - what's next?
by "Rick - WW9JD" <ww9jd@arrl.net>
- 71) [90366] Really Stupid Question Time (calibrating a function generator)
by "Phinizy, William" <wphinizy@filenet.com>
- 72) [90367] RE: ARRL.NET address bouncing....
by "L. Mark Pilant" <n1vqw@arrl.net>
- 73) [90368] Steve Weber & FYBO
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 74) [90369] Enclosure Labeling
by "Doug Hauff" <slmachco@fix.net>
- 75) [90370] Klunky on QSL.NET
by <wd9eyb@butler.qrp.com>
- 76) [90371] FYBO / Morse Code question
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 77) [90372] Re: Enclosure Labeling
by KB7WW Art Moe <kb7ww@chatusa.com>
- 78) [90373] Re: FYBO / Morse Code question
by "Victor Blackwell" <victor@brecnet.com>
- 79) [90374] Re: HB: How is it done? - Red Hot Radio lettering
by "Acito, William" <William.Acito@brooks.com>
- 80) [90375] Re: FYBO / Morse Code question
by "Paul Harden, NA5N" <na5n@rt66.com>
- 81) [90376] Re: FYBO / Morse Code question
by "John L. Sielke" <w2agn@pobox.com>
- 82) [90377] Sort of OT: Generator Question
by Jeff Grudin <grudin@vdb.com>
- 83) [90378] DMM on sale 80% off at Radioshack.com
by "Dave Ek" <ekdave@earthlink.net>
- 84) [90379] Re: Orlando Hamvention
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 85) [90380] RE: DMM on sale...also 12v gel cell pwr supply
by Michael Melland <badger@vbe.com>
- 86) [90381] Re: Antenna Feed Lines -- perplexing qq's
by "Don Wilhelm" <w3fpr@arrl.net>
- 87) [90382] Re: Evolution of QRP operating and QRP kits - what's next?
by Bruce Muscolino <w6toy@erols.com>
- 88) [90383] Re: R/S sale items
by MIKE SOUHRADA <wb9iog@revealed.net>
- 89) [90384] FYBO From Paradise!
by "Dennis Morales" <dennismo2@home.com>
- 90) [90385] Re: DMM on sale...also 12v gel cell pwr supply
by "George, W5YR" <w5yr@att.net>

- 91) [90386] Re: Sort of OT: Generator Question
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 92) [90387] Re: Sort of OT: Generator Question
by "George, W5YR" <w5yr@att.net>
- 93) [90388] FYBO Morse code ?
by Richard Rood <fcs@juno.com>
- 94) [90389] Re: That Stockton meter thingie again
by "Don Wilhelm" <w3fpr@arrl.net>
- 95) [90390] FOX Where are they?
by "Karl F. Larsen" <k5di@zianet.com>
- 96) [90391] Re: FYBO / Morse Code question
by "Larry Wise" <lewise@txwises.com>
- 97) [90392] Re: HB: How is it done? - Red Hot Radio lettering
by "Acito, William" <William.Acito@brooks.com>
- 98) [90393] Re: FYBO / Morse Code question
by "Dan W. Dooley" <dandooley@pipeline.com>
- 99) [90394] Re: Sort of OT: Generator Question
by Brendan Minish <EI6IZ@oceanfree.net>
- 100) [90395] RE: FOX Where are they?
by Mike Gipe <mgipe@reliablemeters.com>
- 101) [90396] Re: FOX Where are they?
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
- 102) [90397] Crystal Freq.
by Jack Falk <k4byf@juno.com>
- 103) [90398] Infrequently Used Morse Characters
by "Paul R. Valko" <prvalko@oakland.edu>
- 104) [90399] RE: Antenna Feed Lines -- perplexing qq's
by "Lofgren, Charles" <charles.lofgren@CLAREMONTMCKENNA.EDU>
- 105) [90400] FS: cleaning shack
by lfcpa@juno.com
- 106) [90401] Re: Crystal Freq.
by Phil Wheeler <w7ox@earthlink.net>
- 107) [90402] Re: Infrequently Used Morse Characters
by "George, W5YR" <w5yr@att.net>
- 108) [90403] XCVR: FT-817
by Richard Matthews <prm@hiwaay.net>
- 109) [90404] Crystal Freq. and SST Mods/experiments URL
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 110) [90405] RE: Infrequently Used Morse Characters
by "Charles Mabbott" <crmabbott@mediaone.net>
- 111) [90406] Re: Urgent FYBO News/Info
by "Bob Hightower" <nk7m@extremezone.com>
- 112) [90407] Re: FYBO / Morse Code question
by "Bob Hightower" <nk7m@extremezone.com>
- 113) [90408] Re: Infrequently Used Morse Characters
by "John J. McDonough" <wb8rcr@arrl.net>
- 114) [90409] RE: FOX Where are they?
by "Karl F. Larsen" <k5di@zianet.com>

- 115) [90410] Re:Infrequently Used Morse Characters
by "William Mabry" <n4qa@hotmail.com>
- 116) [90411] Two who deserve QRP Hall of Fame Election
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 117) [90412] Re: FYBO / Morse Code question
by "Larry Gaalaas" <lgaalaas@qwest.net>
- 118) [90413] More on the generator question
by Jeff Grudin <grudin@vdbbs.com>
- 119) [90414] QSL info
by John Harper <ae5x@qsl.net>
- 120) [90415] TIME for CLUB News ITEMS
by K4NK@aol.com
- 121) [90416] Books for sale
by K4NK@aol.com

Date: Wed, 31 Jan 2001 19:05:52 -0500 (EST)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: Tom <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
Ron.Wiesen@icn.siemens.com
Subject: [90296] Re: Orlando Hamvention
Message-ID: <Pine.BSF.4.10.10101311857370.48957-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lets do it but it would be better for me to move things back to 1100.

Tom--Hank Landis is threatening to come down but he will not be travelling with me. I need to be at a conference at Disney the previous week for the day job so I will be staying over. Hank arrives on Saturday.

Ron--Could you bring a disk with the logging and cw/rtty programs for the M-100? A good term program might be interesting also. I could also bring my M-100 for a direct download.

I will be in the Colony Plaza on Friday nite if anyone wants to do something then.

Henry

On Wed, 31 Jan 2001, Tom wrote:

> Last year K4FB, AF4PS, N1TP and several others met ouitside between the main
> buildings at 10:00.

>
> Tom, N1TP
>
>
> ----- Original Message -----
> From: "Joseph I Pirkle" <ad4ih@juno.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Wednesday, January 31, 2001 10:04 AM
> Subject: Re: Orlando Hamvention
>
>
> > Yes.
> > On Wed, 31 Jan 2001 09:52:20 -0500 (EST) Henry Freedenberg
> > <henryf@quartz.gly.fsu.edu> writes:
> > > Anyone interested in a QRP get together at the Orlando Hamvention
> > > next
> > > week?
> > >
> > >
> >
> >
> > 72/73,
> > Joe Pirkle, AD4IH,
> > QRP-L #2236
> > ad4ih@arrl.net / ad4ih@juno.com
> >
>
>

Date: Wed, 31 Jan 2001 19:28:57 -0500
From: Duffer <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [90297] HW-9 for sale
Message-ID: <3A78ADC8.82C77ABE@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heathkit HW-9 QRP transceiver. Excellent condition...an easy 9+ out of 10.
Has an SO-239 for the antenna connector, otherwise all original.
Original paint, knobs ect.
Presently a 4 bander (80/40/20/15m) but comes with the WARC bandpack kit,
still in the original Heathkit box (you install !).

Includes all manuals and power cable.
US\$280 shipped.

e-mail if interested.

Date: Wed, 31 Jan 2001 16:19:52 -0800
From: stjohnd@ocsnet.net
To: qrp-l@lehigh.edu, "stjohn@ocsnet.net" <stjohn@ocsnet.net>
Subject: [90298] Antenna Feed Lines -- perplexing qq's
Message-ID: <3A78ABA8.C79054C8@ocsnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Some where along here I got it in my cranium that

1) if you feed a signal into a quarter wavelength (adjusted for velocity factor) feed line, what goes in will come out at the same impedance. So, if the signal at that frequency comes in at 50 ohms, it comes out at 50 ohms.

I have a perplexer.

If this is factual, why is it that:

2) if you want to feed a full wave loop (impedance 100 ohms), you can use a "quarter wavelength feed line" at 75 ohms to MATCH the 50 ohm source to the 100 ohm load?

and:

3) if one would feed a quarter wavelength 300 ohm feed line from the 50 ohm output of the xmtr, would it directly feed a 50 ohm antenna?

Having just had cranium (well, cancer on the scalp) surgery, I beg gentleness. But what are the answers to my qq's? I'll take the answer here on the List Serv, and read them tomorrow night when I get the digest.

Tom Upton AD6N Porterville CA 36N at 119 West.
Crouching Tiger, Hidden Dragon, Lurking QRPer

Date: Wed, 31 Jan 2001 19:28:12 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [90299] History of Camping Equipment
Message-ID: <004101c08be5\$dcdb38e0\$470e5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

 If you have cable, I have a program for you to watch.

The History Channel is going to have a show on the
"History of Camping Equipment" on tonight, Wednesday.
They have the viewing time at 10 PM EST.

Not sure about going out for the FYBO contest on Saturday.
Just getting over the flu bug. Wow, it kills your energy.
Maybe I will work from the City Park on 40 meters only.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Wed, 31 Jan 2001 20:17:14 -0500

From: Joseph I Pirkle <ad4ih@juno.com>
To: n1tp@worldnet.att.net
Cc: qrp-1@Lehigh.EDU
Subject: [90300] Re: Orlando Hamvention
Message-ID: <20010131.201715.-3494595.1.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom,
Will see Paul Saturday (FYB0) and see if he plans anything. Thanks for
the reply.
Joe AD4IH

On Wed, 31 Jan 2001 18:05:49 -0500 "Tom" <n1tp@worldnet.att.net> writes:
> Last year K4FB, AF4PS, N1TP and several others met outside between
> the main
> buildings at 10:00.
>
> Tom, N1TP
>
>
> ----- Original Message -----
> From: "Joseph I Pirkle" <ad4ih@juno.com>
>
>
> > Yes.
> > On Wed, 31 Jan 2001 09:52:20 -0500 (EST) Henry Freedenberg
> > <henryf@quartz.gly.fsu.edu> writes:
> > > Anyone interested in a QRP get together at the Orlando
> Hamvention next week?
> > >

Date: Wed, 31 Jan 2001 19:56:18 -0600 (CST)
From: Bruce Ratray <ratray@gpfn.sk.ca>
To: John Wagner <john@neknetwork.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [90301] Re: OT: Behind schedule on scoring sites
Message-ID: <Pine.LNX.3.95.1010131195502.22793A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Don't despair John....being a working person as well, I know the

felling!...hi hi....keep your priorities straight John!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Wed, 31 Jan 2001 18:05:35 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [90302] PSK-20 PA Mod?
Message-ID: <3A78C46F.D5F03DA3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My primary use of my PSK-20 is in portable situations with compromise antennas (alas!). I'm wondering if anyone has come up with a mod (e.g., PA transistor and component changes) that would get the power up closer to 5 watts .. without introducing non-linearities.

TIA .. Phil W70X

Date: Wed, 31 Jan 2001 18:06:23 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [90303] Re: Antenna Feed Lines -- perplexing qq's
Message-ID: <20010131180623.B2579@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Jan 31, 2001 at 04:19:52PM -0800, stjoh@ocsnet.net wrote:
> Hi All,
>
> Some where along here I got it in my cranium that
>
> 1) if you feed a signal into a quarter wavelength (adjusted for velocity
> factor) feed line, what goes in will come out at the same
> impedance. So, if the signal at that frequency comes in at 50 ohms, it
> comes out at 50 ohms.

That is not quite correct. The input impedance of a half wavelength

(not quarter wavelength) of transmission line will be equal to the impedance of the load. A quarter wavelength of transmission line will transform the impedance of the load to an input impedance equal to the line impedance squared divided by the load impedance.

>
> I have a perplexer.
>
> If this is factual, why is it that:
>
> 2) if you want to feed a full wave loop (impedance 100 ohms), you can
> use a "quarter wavelength feed line" at 75 ohms to MATCH the 50 ohm
> source to the 100 ohm load?
>

Per the above, $Z(\text{in}) = (75)(75)/100 = 56.25$ ohms, not a perfect match but "close enough for government work," as we used to say in the aerospace biz.

> and:
>
> 3) if one would feed a quarter wavelength 300 ohm feed line from the 50
> ohm output of the xmtr, would it directly feed a 50 ohm antenna?

No, but a half wavelength would.

>
> Having just had cranium (well, cancer on the scalp) surgery, I beg
> gentleness. But what are the answers to my qq's? I'll take the answer
> here on the List Serv, and read them tomorrow night when I get the
> digest.

Hey, this is (for the most part) a friendly list where we all try to help each other (unlike a few other lists I could name....)

I hope you have a speedy and full recovery.

72, Bob

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Wed, 31 Jan 2001 21:13:56 -0500
From: Fred Lesnick <flesnick@tbaytel.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [90304] Not hearing W0MC..
Message-ID: <3A78C664.294A257D@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not hearing the fox cub, or any hounds tonight(Wed Jan 31 e.s.t).
Yup, my dipole is still up.... Anyone else hearing Jerry?

Fred
VE3FAL

Date: Wed, 31 Jan 2001 18:15:50 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90305] Re: QRPTTF: big plans in No Calif!
Message-ID: <009c01c08bf4\$e5f20b20\$f3414cd1@johnmori>

> agtaylor@llnl.gov wrote:
> >
> > This year for QRPTTF I would like to do a significant backpack trip
to
> > a suitable mountain in No Calif for the event. As the Sierra Nevada
mntns
> > will be still very ski-able, I am looking into various places along
the
> > coast range north or south 100 mi or so from SF/Oakland area.

Gosh, guys. On my map, that looks like Central California ;-)

72,

John, K6QQ
Alturas, CA, at the corner of 299 & 395, in *real* Northern CA.

Date: Wed, 31 Jan 2001 20:21:21 -0600
From: "David Bixler" <qrp@netins.net>
To: <flesnick@tbaytel.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90306] FOX - Not hearing W0MC..
Message-ID: <IJEEJMKECFBFMJOPDBJNOEGHCDA. qrp@netins.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Fred:

Nothing heard here in Missouri tonight so far.
Hope Jerry is OK.....

Anybody hear him yet?

David Bixler W0CH - VK2IQX
Seneca, Missouri
<http://www.qsl.net/w0ch/> <mailto:w0ch@arrl.net>

QRP: Little Radios, Big Fun!

Date: Wed, 31 Jan 2001 20:21:00 -0600
From: "Michael Melland" <badger@vbe.com>
To: <qrp@netins.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90307] Re: FOX - Not hearing W0MC..
Message-ID: <004801c08bf5\$9f5a0860\$57834d40@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No Fox or Hounds heard in Wisconsin either.

73 de Mike, W9WIS

----- Original Message -----
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 31, 2001 8:21 PM
Subject: FOX - Not hearing W0MC..

> Fred:
>
> Nothing heard here in Missouri tonight so far.
> Hope Jerry is OK.....
>

> Anybody hear him yet?
>
> David Bixler W0CH - VK2IQX
> Seneca, Missouri
> <http://www.qsl.net/w0ch/> <mailto:w0ch@arrl.net>
>
> QRP: Little Radios, Big Fun!
>
>

Date: Wed, 31 Jan 2001 18:25:38 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: John Moriarity <k6qq@hdo.net>, QRP List <qrp-l@lehigh.edu>
Subject: [90308] Re: QRPTTF: big plans in No Calif!
Message-ID: <3A78C922.76DE4015@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Moriarity wrote:

>
> > agtaylor@llnl.gov wrote:
> > >
> > > This year for QRPTTF I would like to do a significant backpack trip
> > > to
> > > a suitable mountain in No Calif for the event. As the Sierra Nevada
> > > mtns
> > > will be still very ski-able, I am looking into various places along
> > > the
> > > coast range north or south 100 mi or so from SF/Oakland area.
> > >
> > Gosh, guys. On my map, that looks like Central California ;-)
>

You know how it is, John. Those guys in Central CA want to look as far from So CA as possible.

The new AAA travel guides are out and reorganized as two books:

- o Northern CA and NV
- o Southern CA and Las Vegas

Pleasanton and Livermore are in the first (northern) book. So I guess that makes it official :-)

Phil W7OX (in the Los Angeles part of Northern Calif)

Date: Wed, 31 Jan 2001 21:24:36 -0500
From: Joseph I Pirkle <ad4ih@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [90309] OT -INSTRUCTOGRAPH
Message-ID: <20010131.212438.-3494595.2.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

A widow of a recently deceased ham has asked that I help dispose of some of his ham-related estate. In the estate are two Instructograph series 500 machines, one of which is a near 10 out of a scale of 10, the other does not work and lacks in cosmetics (that well-used look). There is but one user's manual and there is some literature. Also 2 sets of 10 tapes. I am looking for help from someone knowledgeable of this equipment to help set a fair and reasonable asking price. The literature indicates a 1977 price of \$98.50 including the tapes.

Any help appreciated.

72/73,
Joe Pirkle, AD4IH,
QRP-L #2236
ad4ih@arrl.net / ad4ih@juno.com

Date: Wed, 31 Jan 2001 21:32:39 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: <badger@vbe.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [90310] Re: FOX - Not hearing WOMC..
Message-ID: <000801c08bf7\$3f709660\$e0984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nor in Florida.

Tom, N1TP

----- Original Message -----

From: "Michael Melland" <badger@vbe.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 31, 2001 9:21 PM
Subject: Re: FOX - Not hearing WOMC..

> No Fox or Hounds heard in Wisconsin either.

>

> 73 de Mike, W9WIS

>

>

> ----- Original Message -----

> From: "David Bixler" <qrp@netins.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, January 31, 2001 8:21 PM
> Subject: FOX - Not hearing WOMC..

>

>

> > Fred:

> >

> > Nothing heard here in Missouri tonight so far.

> > Hope Jerry is OK.....

> >

> > Anybody hear him yet?

> >

> > David Bixler W0CH - VK2IQX

> > Seneca, Missouri

> > <http://www.qsl.net/w0ch/> <mailto:w0ch@arrl.net>

> >

> > QRP: Little Radios, Big Fun!

> >

> >

>

Date: Wed, 31 Jan 2001 21:35:24 -0500

From: "Stephen M. King" <frastephen@home.com>

To: <qrp@netins.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [90311] Re: FOX - Not hearing WOMC..

Message-ID: <006c01c08bf7\$a1a06400\$eb600c18@burl1.nj.home.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nothing heard in NJ...

72,
Stephen
KD3OG

----- Original Message -----

From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 31, 2001 9:21 PM
Subject: FOX - Not hearing WOMC..

> Fred:
>
> Nothing heard here in Missouri tonight so far.
> Hope Jerry is OK.....
>
> Anybody hear him yet?
>
> David Bixler W0CH - VK2IQX
> Seneca, Missouri
> <http://www.qsl.net/w0ch/> <mailto:w0ch@arrl.net>
>
> QRP: Little Radios, Big Fun!
>

Date: Wed, 31 Jan 2001 21:52:32 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jona1.net, qrp-l@lehigh.edu
Subject: [90312] NEQRP CW Net, 3.561 MHz, Thursday, 1 Feb 01, 9:00 PM EST
Message-ID: <3A78CF70.5AC87015@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night at 9:00 PM EST (0200Z, 2 Feb 01) on 3.561 MHz. Net control op for this week's session will be Jim, W1PID, operating from Sanbornton, NH. Please stop by and say hi to Jim and the NEQRP gang on 80M.

We had an excellent net last week, with a total of 10 participants:

AA10	Bill	Carlisle, MA (5W, K2)
W4MQC	Alan	Harvard, MA (5W, Argosy)
W1PID	Jim	Sanbornton, NH (5W, FT-817)
K1RC	John	Dracut, MA (QRP+, 5W)
W1FCI	Paul	Cape Cod, MA (5W)
AB8DF	Ed	Waterford, MI (5W)
AA1MY	Seab	Bethel, ME (5W)
W2XS	John	Long Island, NY
WB1HBE	John	Chelmsford, MA (5W, Icom)
K1CL	Chuck	Chelmsford, MA (net op)

Thanks to all for QNI'ing. Signals ranged from 579 (Ed in MI) to 599+20 (several). A number of other stations were heard, but high local AC noise levels, plus static bursts well above S9 made copy impossible. For those who tried, but didn't make it -- thanks. And please try again this week.

72 DE K1CL,
Chuck.

Date: Wed, 31 Jan 2001 20:41:27 -0600
From: Bryn Joynes <bryn@pcpractice.com>
To: qrp@netins.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90313] Re: FOX - Not hearing W0MC..
Message-ID: <3A78CCD7.E4B2F2B3@pcpractice.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Same here in TN....

Bryn..

David Bixler wrote:

>
> Fred:
>
> Nothing heard here in Missouri tonight so far.
> Hope Jerry is OK.....
>
> Anybody hear him yet?
>

> David Bixler W0CH - VK2IQX
> Seneca, Missouri
> <http://www.qsl.net/w0ch/> <mailto:w0ch@arrl.net>
>
> QRP: Little Radios, Big Fun!

Date: Wed, 31 Jan 2001 21:53:03 -0500
From: Tim O'Rourke <TO'Rourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [90314] RE: QRP-L digest 2083
Message-ID: <910D8E9955E3D411B3AE00A0C9319CB801A576@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I have 2 bad boards no assembly on either board
Tim O'Rourke
KG4CHX

Date: Wed, 31 Jan 2001 20:58:26 -0600
From: "Bill McCane" <bmccane1@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [90315] Help needed
Message-ID: <01c901c08bfa\$f69022e0\$0dd8b718@indpdnce1.mo.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would really like some help in getting back into ham radio. I have purchased a ten-tec 1330, a keyer and bug, and am now in the process of setting up a dipole antenna. I now have two problems. The first is getting my CW back to a reasonable level. I am at about 10 wpm now and it is coming back slowly. The second is I have forgotten how to use my antenna tuner. My logbook says the last time I used it was in 1984 so you can see why I need help. Is there anyone out there that can tell me how to use the MFJ Versa Tuner II MFJ-941. Please note that there are no letters attached to the model number. Thanks in advance.

Bill
WB0TVK

Date: Wed, 31 Jan 2001 20:00:54 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Joseph I Pirkle <ad4ih@juno.com>
Cc: <k5di@zianet.com>, <qrp-1@Lehigh.EDU>
Subject: [90316] Re: FYBO Plans
Message-ID: <Pine.LNX.4.31.0101311959090.844-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That's for sure Joe. We hope for a big multiplier for the early morning cold, but then wait for better warm wx...hee hee But in Florida it's going to be warm at best, or even hot.

On Wed, 31 Jan 2001, Joseph I Pirkle wrote:

> Karl,
> Here in central Florida the wx is forecast be be what Florida is known
> for, soooo...the "F" in FYBO will stand for "FUN"...
>
> On Wed, 31 Jan 2001 15:22:02 -0700 (MST) "Karl F. Larsen"
> <k5di@zianet.com> writes:
> >
> > Saturday next listen for k5di calling CQ test. I will be out
> > at
> > Leesburg Dam on the old Rio Grande operating on an old card table.
> > The rig
> > will be my Ten Tec Argo and laptop all running from the Jeep
> > battery. The
> > antenna will be my mobile Ham Stik's.
> >
> > QRP-Dupe on the laptop will do most of the sending and I
> > will do
> > the filling in your call and numbers. Hope to work you all that will
> > be
> > out in the cold with me. The wx here should start in the 20's at 7
> > AM and
> > then climb fast to the 50's hope hope...:-)
> >
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> >
> >
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 31 Jan 2001 20:08:15 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [90317] FOX Jerry WOMC
Message-ID: <Pine.LNX.4.31.0101312004520.844-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think he has forgotton he is the FOX tonight. I usually hear from a Fox who can't make a date. But Jerry may have had a sudden problem like we all get some times, and this date slipped his mind.

We will try to set up a make-up date in the near future.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 31 Jan 2001 19:19:22 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: wb3aal@fast.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90318] Re: History of Camping Equipment
Message-ID: <3A78D5BA.914848D6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

10 PM PST as well

Phil

Ron Polityka wrote:

>
> Hello,
>
> If you have cable, I have a program for you to watch.

>
> The History Channel is going to have a show on the
> "History of Camping Equipment" on tonight, Wednesday.
> They have the viewing time at 10 PM EST.
>
> Not sure about going out for the FYBO contest on Saturday.
> Just getting over the flu bug. Wow, it kills your energy.
> Maybe I will work from the City Park on 40 meters only.
>
> 72 & 73
> Good DXing
>
> Ron Polityka
> de WB3AAL
> wb3aal@fast.net
>
> vvv Eastern Pennsylvania QRP Web Page vvv
> <http://www.n3epa.org>
> Eastern Pennsylvania QRP Club Call
> N3EPA E-mail address: n3epa@fast.net
>
> EPA QRP #1 ARRL Life Member
> KL7 QRP # 309 G-QRP # 3031
> ARCI QRP # 5318 10 - X #13173
> NorCal Zombie #625
> ARS # 380 HI QRP #153
> VA QRP Society #45 MI QRP #1703
> K2 sn1392 NJ QRP #179

Date: Thu, 01 Feb 2001 03:30:10
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [90319] ARRL.NET address bouncing....
Message-ID: <200102010333.VAA36019@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Anyone else had reports that their arrl.net address is bouncing today?

Larry KA5T
Georgetown, Texas

Date: Wed, 31 Jan 2001 22:40:38 -0500
From: Radioham <radioham@home.com>
To: n1tp@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [90320] Re: Orlando Hamvention
Message-ID: <5.0.2.1.0.20010131223844.00a0bec0@netmail.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I will be in Orlando on business for a few days next week, ending on Friday. Is there anything happening on Friday afternoon that would be worth delaying my departure until the evening? Will there be tailgating that day? I can't stay until Saturday, but can get there about 1 PM on Friday.

Thanks for your help.

72/73,

Steve, N4EUK

Date: Wed, 31 Jan 2001 22:59:19 -0500
From: Tim O'Rourke <TORourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [90321] QRP Kit Suppliers
Message-ID: <910D8E9955E3D411B3AE00A0C9319CB801A579@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gentlemen, I don't think all the fine suppliers like Dave Benson and all the others are getting rich supplying us with kits. If you have never tried to organize an effort like this you have no idea of the time required. The NJ QRP club and others also have expended many man hours to provide fine materials and kits that many of us would not otherwise attempt.

Lists like this and Elecraft's are to help us be better educated, not abuse those who provide hours of free labor so that we can enjoy the hobby more.

My request to all would be to keep this list and others as a resource to help further QRP and share ideas. Personal problems with vendors should be kept off the list.

My 2cents Tim O'Rourke KG4CHX

Date: Wed, 31 Jan 2001 21:57:35 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-1@lehigh.edu
Subject: [90322] [Dayton2001] Dayton 2001 Rooms
Message-ID: <5.0.2.1.2.20010131215036.029fb558@mail.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Those who were on the Dayton 2000 Room list have been emailed.
Some answered, some didn't and some bounced.

The Dayton 2001 Room List is full.
The Dayton 2001 Room List is accepting a Standby list.
The Dayton 2001 Room List is located <http://www.tir.com/~k8dd/dids.htm>

Use [Dayton2001] in the header to be separated from the junk mail!

*/
*/ Hank Kohl K8DD k8dd@arrl.net
*/

Date: Wed, 31 Jan 2001 23:05:03 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <TORourke@KaiserFT.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90323] Re: QRP Kit Suppliers
Message-ID: <007701c08c04\$279afb40\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I disagree! If someone is having problems with a vendor I certainly would want to know about it.

I would then investigate for myself to determine if this was just an isolated incident or problematic.

It may save someone from future grief.

If its the truth, then we all have a right to know and come to our own conclusions.

If the accusations are proven true and it hurts someones feelings then go have a good cry and forget about it!

Just smarten up in the future.

Regards
Rob
VE3RPF

----- Original Message -----

From: Tim O'Rourke <TORourke@KaiserFT.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 31, 2001 10:59 PM
Subject: QRP Kit Suppliers

> Gentlemen, I don't think all the fine suppliers like Dave Benson and all
the
> others are getting rich supplying us with kits. If you have never tried to
> organize an effort like this you have no idea of the time required. The NJ
> QRP club and others also have expended many man hours to provide fine
> materials and kits that many of us would not otherwise attempt.
>
> Lists like this and Elecraft's are to help us be better educated, not
abuse
> those who provide hours of free labor so that we can enjoy the hobby more.
>
> My request to all would be to keep this list and others as a resource to
> help further QRP and share ideas. Personal problems with vendors should be
> kept off the list.
> My 2cents Tim O'Rourke KG4CHX

Date: Wed, 31 Jan 2001 23:26:34 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "NJQRP" <NJQRP@njqrp.org>
Subject: [90324] Warbler board update
Message-ID: <017201c08c07\$2ecc8930\$b659accf@gh1pt4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, things are looking better now. We've been scrambling to find the
source of the pcb error (vendor put silkscreen on wrong side), causing the
pads for the SMT mixer chips to be curiously located on the bottom side of
the board. But as N2CX reported yesterday, the vendor is sending us
replacement boards this week!

Joe and I have a plan already in motion to get these new boards to all Warbler Kit run #3 customers, and you'll each have a replacement board by mid-next week.

If you have already started to solder components onto the board you have now ... stop! And then contact N2CX (n2cx@arrl.net) or N2APB (n2apb@amsat.org) for special instructions. We'll make it right for every Warbler customer, no questions asked!

The Warbler Kit Notes web page (<http://www.njqrp.org/warbler/kitnotes.html>) has this updated information as well.

Again, sorry for the confusion with this round of Warbler kits. Never a dull moment!! But the solution is quick and painless for most builders.

72/73,

--George N2APB, n2apb@amsat.org
--Joe N2CX, n2cx@arrl.net
for the NJQRP Club at <http://www.njqrp.org>

Date: Wed, 31 Jan 2001 22:27:48 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [90325] Re: ARRL.NET address bouncing....
Message-ID: <009a01c08c07\$55a65e00\$3c773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Maybe this is why I haven't received any e-mail since this morning. I had been adjusting my SPAM filters and thought maybe I somehow filtered everything :-)

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Wed, 31 Jan 2001 23:00:04 -0600
From: W9SUL <pugrad@millcomm.com>

Date: Thu, 1 Feb 2001 01:00:50 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [90328] 4017 Transverter Kit updates ... ADE-1 mixer pinout
Message-ID: <01c001c08c14\$55e0e310\$b659accf@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks -

There were some comments in the last couple of days about use of the ADE-1 mixer chip in the K8IQY 4017 Transverter Kit from the NJQRP, and we wanted to reinforce the correct pinout of the package.

As mentioned in the text of the manual, we supplied a couple of ADE-1 mixer chips a less expensive alternative to the LMX-113 mixers used for U3 and U4. But what we neglected to mention was that the pinout for the ADE-1 is different from that of the LMX-113 and it would take some detective work within the manual to determine the correct wiring.

Complicating matters slightly, there was an error in the ADE-1 package diagram in the "Handiman's Guide to DB Mixers" at the end of the manual.

The correct package pinout is now illustrated in the 4017 Kit Notes web site <http://www.njqrp.org/4017/kitnotes.html>

It looks like some of the transverters are now starting to come alive! We have 3 in the NJQRP in test right now, so we should soon hear a few new stations on the WARC band.

We're putting together a group buy for the 47-ohm 35W T0220-packaged power resistors used ideally the input attenuator stage. (Only a 2W resistor was provided in the kit, causing the need for careful input level control to prevent overload.) The higher-power T0220 package could be an interesting component to use in other projects as well. Jim Kortge tells us that they are bit pricey (\$4.35 in singles), but well worth the cost for a higher power, non-inductive resistor. Let us know if interested in joining in on this.

72, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

PS: Information about the 4017 Transverter Kit is at

<http://www.njqrp.org/4017> . This kit is featured in the next issue of QRP Homebrewer, scheduled to hit the streets in several weeks. With the interest level shown even with this small kit run, we'll likely be doing another round of kits for the 4017 once QHB #5 comes out.

Date: Thu, 1 Feb 2001 00:17:04 -0600
From: "John Burnley" <burnleyia@home.com>
To: <qrp-l@lehigh.edu>, <IaQRP-L@divis17.ped-gen.uiowa.edu>
Subject: [90329] FS: Unbuilt Epiphyte 3 (75 Meter SSB Transceiver)
Message-ID: <001301c08c16\$990b5600\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang. Here is one more kit that I've decided to part with. I would like to see this find a good home with someone who has the time to build and enjoy the kit. The Epiphyte 3 was kitted by NorCal and in keeping with the spirit of things I will only charge what I have invested in the kit.

I am offering the kit for \$105.00 plus shipping. If interested please Email me privately.

72, John NU0V

Date: Thu, 01 Feb 2001 01:13:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: TORourke@KaiserFT.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [90330] Re: QRP Kit Suppliers
Message-ID: <3A78FE99.9ABC92CD@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well Tim, you are right. Most of the kit suppliers are not making that much money off their kits. There are only a few who are in the business full time. Kitting is like any other business, it depends on organization and inventory. If a vendor is well organized he will do a

whole lot better than one with his parts in a coffee can!

However there is a flip side. This list is famous for newbies. Newbies see something written up in a 5 year old article and think they can just place an order for it. Try ordering a Heathkit HW7, 8, or 9, and try to get it for what it sold for originally! It ain't available. A vendor can't maintain everything he ever offered in stock!

And then there are the vendor considerations as well. A vendor owes it to his customers and all others to clearly state his ordering conditions along with his ordering requirements. He should tell the prospective customer how much it will cost and when delivery can be expected. If he has any problems, like he does not make the part all the time, he should tell the customer, and he should be willing to keep the customer informed about order status. Not all vendors do this.

Once in a while an order slips through the cracks, and I think it may demand public commentary on this list. A vendor should not ask a customer to forward a part to another customer. He should have it sent back and inspected before he reships. To do anything else is an incredibly sloppy business practice, even for a part time seller!

In the end, success as a vendor is really a matter of detail!

73

Date: Thu, 01 Feb 2001 01:26:23 -0500
From: Pete Burbank <plburbank@kih.net>
To: k5di@zianet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90331] Re: FOX Jerry W0MC
Message-ID: <5.0.2.1.0.20010201011813.00a67de0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:08 PM 1/31/2001 -0700, Karl F. Larsen wrote:

> I think he has forgotton he is the FOX tonight. I usually hear
>from a Fox who can't make a date. But Jerry may have had a sudden problem
>like we all get some times, and this date slipped his mind.

>
> We will try to set up a make-up date in the near future.

>
>Yours Truly,

>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Yes things happen, I was supposed to be the Truffle on Nov 30 and I've got 20 over QRN from the neighbors Christmas lights and no way to communicate because of a hard drive crash. I say to myself "DO you need this?"...and went to bed. My apologies to the Pigs.

73 to all and mea maxima culpa

Pete NV4V

Date: Thu, 1 Feb 2001 01:51:13 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [90332] More Atlanticon attractions: WB8IMY
Message-ID: <01e801c08c1b\$842c1120\$b659accf@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still not sure if you can make it to the Atlanticon QRP Forum this March 30-31 in Timonium, MD??

Well, as if there wasn't already a full slate of world-class QRP presentations on tap, our final speaker has indicated that he can attend ...

Steve Ford, WB8IMY, joins our illustrious staff of QRP presenters at the day-long extravaganza of QRP presentations. WB8IMY is the managing editor of the ARRL's flagship publication, QST, and he brings an excellent feel for the technical pulse of ham radio today. Active in the amateur satellite program, a stalwart supporter of PSK31 and other leading-edge communication modes, and an active homebrewer, Steve promises the Atlanticon audience a dynamic presentation in March.

This year's Atlanticon features presentations concerning Manhattan-style homebrewing, PSK31 operating and stand-alone portable controllers, QRP operating in the field, low power/low noise RF attenuator design and construction, QRP contesting, design and construction of easy test equipment for the shack, and more ... from giants in the QRP field such as NN1G, N2CX, K7QO, K8IQY, K7SZ, G4WIF, G3MFJ ... and now WB8IMY.

I'll tell ya folks, this year's Atlanticon is spinning up to be one of the most exciting QRP events of the year. As organizer and host of this third year for Atlanticon, the NJQRP Club is absolutely thrilled to be able to put on a weekend that ranks among the best in our QRP community. Incredibly relevant material is being presented, big names in QRP as speakers from across the country and around the world, a gathering of more than 200 QRPers from all up and down the eastern seaboard, and open house socials on two

evenings featuring showings of QRP homebrew gear, QRP vendor tables and clusters of workshop instruction sessions ... and one of the largest hamfests along the eastern seaboard is also happening that same weekend, in the same general venue!

Some people cautioned against sponsoring such a weekend 3 years ago when we put on the first Atlanticon. But the NJQRP membership really wanted this kind of a QRP event to be within easy reach of all here on the East Coast and they stepped up to do the multitude of tasks -- organizing, advertising, reservations, badges, logistics, banners, tables, fliers, etc. There sure is a lot to do in putting one of these QRP forum weekends on, but it's certainly worthwhile when you see the results of renewed interest of some in ham radio, the discovery of QRP in others, and the smiles on everybody's faces.

If you haven't been to a QRP weekend before, perhaps now is the time. See the Atlanticon website (<http://www.njqrp.org/atlanticon>) for more details, or write to Dave Maliniak, AD2K, (dmaliniak@penton.com) our Atlanticon registration guy for even more info.

Hope to see you at the Atlanticon QRP Forum at the end of March!

73, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

Date: Thu, 1 Feb 2001 07:15:57 -0000
From: "Jerry Scherkenbach" <jjerry@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [90333] FYBO - N9AW and NK9G operation
Message-ID: <010901c08c1e\$d36b3560\$de8bcfa9@Pjerrys>

Part of the QRP Cheeseheads ARC group (Rick, NK9G, and myself, N9AW) will be out for FYBO again this year. And its beginning to look like it will live up to its name. Friday's overnight low is predicted to be 11 degrees with a high of 30 on Saturday and snow flurries on Sat. thrown in for good measure.

Last year we used Rick's popup camper and found out just how much air comes in through all those little seams and joints. Man it was cold.

This year, we're heading for a campground in Plymouth, WI which is about 60

miles north of our QTHs in the Milwaukee area and 60 miles south of Green Bay. We're going to use the three season room attached to my trailer at my seasonal site. At least the wind will be kept out but it should be plenty cold..... gotta get that multiplier.....just kidding, safety first as the sponsors have indicated. Since this is not a permanent amateur radio site and its definitely in a field type setting, we'll be claiming the field station multiplier. Since the place is not snow plowed we'll have to lug our equipment in and out....I'm thinking a sled, what do you think?

We're planning a battery powered operation for the full 12 hour contest period. Rigs...K1 and a Sierra, possibly Yaesu FT900 if the battery holds up. Antennas....probably an 80-10 trapped dipole, maybe a G5RV shorty and 20/15 delta loops. Lots of trees available but more work to get the lines up. A DK9SQ 33 ft. mast and 40-10 loop is also making the trip in case we need it. Since we have to take it all down after the contest, in the dark, I'm sure Rick and I will keep our wild enthusiasm under control.

We'll each be using our own calls.....N9AW and NK9G. Please check 10 and 15 meters during the morning hours if they open, so often there is not much activity on those bands in the QRP contests. Also, after sunset please don't forget to check 80 meters. Often, 80 mtrs is in better shape than 40 mtrs after dark, at least for stateside propagation from the upper midwest.

Here's hoping that your FYBO IS FUN ! See you on the bands.

Jerry & Rick
N9AW NK9G

Date: Thu, 1 Feb 2001 00:47:20 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [90334] [ANT] Thanks for DSW-20 Ant ideas
Message-ID: <95509081DF6CD411B2C700D0B7848012EBF1B9@Mohawk.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Retry, didn't go the first time. SRI for BW if the other copy shows up.

To all who responded,

Thanks for all the responses for a small DSW-20 antenna. The suggestions included: a dummy load (great for across-the-room demos), a hamstick with counterpoise wires and magnetic base; 2 hamsticks at a 90 deg angle (one for antenna and one for counterpoise); the Isotron 20 (great compact antenna for quick/easy setup); and the faithful dipole (already using this, just a little hard to string in the house sometimes).

Thanks again to all, if the setup goes quick, the younger crowd seems to stay interested longer. It's really amazing to see a group of high school age folks crowd around and have comments like "...you can really understand that? How can I learn to do that? You really built it? Can I get a liscense and build one? It reaches how far? On less power than my CB radio?"

Hope others can use the hints. Fun hobby? Yep.

72 es Thx,
Mike, N4VBV in Phoenix

Date: Thu, 1 Feb 2001 00:18:21 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: "<" <qrp-1@Lehigh.edu>
Subject: [90335] Wow....
Message-ID: <200102010814.AAA00176@clark.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Aw shucks....Thanks Gang! Literally dozens of e-mails supporting me! I don't know that I deserve it, but thanks! It is very gratifying to know that my efforts are so appreciated! I have done the projects for fun, to help support the hobby, to learn, to see if i really could design and produce unique products that would be accepted, perhaps make a few bucks, promote my business....as far as the promotion, I would have to say it's a toss-up, but otherwise it has been rewarding...many of the projects were pretty much break-even, some were definitely a total loss, but I have made some money on some of them...The paddles, for instance, made money even tho not my shop rate, but they led to ongoing commercial work that is reasonably profitable now that i have re-tooled the job. And my involvement in NorCal projects introduced me to many fine people in the hobby, guys who have done and continue to do much much more than I ever have for the hobby.

It is clear, tho, that i need to make a few changes...when I started offering products to the QRP community, my business was fairly slow, i had time to spend on designing and producing impractical products (does anyone

have any idea what a Mil-spec quality part like the 38 Special enclosure would cost commercially, or (Gasp) for the military?). The last year has brought me some dream, or fantasy, or even TV script incredible work...I don't mean easy, but lots of interesting, demanding, well-paying work that has turned my business around...I am still floundering a bit trying to reorganize to cover it all. I can juggle a lot of things at once, but i reach a saturation point where i simply focus on the highest priority work and let other work slip..and I have let some of the radio stuff slip waaaaaaay too long. While I want to continue producing radio stuff, I obviously don't always (ever?) provide timely deliveries. When I am quite busy it is just too much some times, many of you would probably be suprised to learn just how much time it can take to ship something, at my shop rate of 60 bucks and hour (a buck a minute, and believe me it ain't gettin' me rich!) it adds up...think about it, getting the shipping containers, the postage, packing, labels, other paperwork,, if i do it during work hours, I can easily spend 10 plus dollars to ship one order...and I can't charge ten bucks plus postage! So it becomes after hours, and when i am working 60 plus hours, there aren't alot of after hours! Sooo...I don't know about the future, but at this time I am committed to producing another run of Rainbow Tuner Enclosures (they have been started, first two machining operations complete, waiting to get on CNC machining center), and i have another 100 of my straight keys material sawed and likewise waiting for machine time. I'll fill the stale orders I have, and future promotion and shipping will be performed by another business, i will be out of the shipping loop and will simply supply units to my "front" man..

Thank you everyone for your support, in the past as well as now, i will reply to every message I have received, as time permits, meanwhile, THANK YOU, you are great bunch of people!

73,

Doug (Mr. On-Time) Hauff, KE6RIE (Aboriginal Extra)

Date: Thu, 1 Feb 2001 00:51:35 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: "<" <qrp-l@Lehigh.edu>
Subject: [90336] Enclosure Blow Out at NorCal Meeting
Message-ID: <200102010846.AAA03576@clark.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Having nothing to do with the recent hoofaraw, I decided recently to make

more space in the shop and get rid of several boxes of enclosure parts - Production extras, seconds, discontinued, anodized, unanodized, engraved, not engraved, NC20, DSW, Red Hot, 38 Special, Rainbow Tuner and other type enclosures, many revisions. There are more than enough parts to make many many enclosures, especially for those who are a bit creative (Bill Jones could probly make a satellite dish or a locomotive or some such out of 'em)..Many panels are anodized and engraved with very minor flaws, it is all going to be sold BY THE POUND...\$3.50 a pound for whatever, I will bring my shipping scale...

PLEASE NOTE: No panels with commercial names on them will be sold, or only sold with "brand name" removed!

Please Please don't ask me to ship any! This is just for whoever can make the NorCal meeting, it's just that i would rather recycle the aluminum to the radio nuts than the salvage yard...and you KNOW what a rotten shipper I am...

Note: There will be some CNC hogout pieces, but NO complete, perfect 38S or RE's...(heck I woulda shipped them!)

72,

Doug (Mr. On-Time) Hauff, KE6RIE

Date: Thu, 1 Feb 2001 06:26:30 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: stjoh@ocsnet.net, qrp-1@Lehigh.EDU
Subject: [90337] Re: Antenna Feed Lines -- perplexing qq's
Message-ID: <20010201.062639.-153353.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

NOT quarter wave BUT half wave repeats . . .

This works for GROUND wires TOO ! ! !

It is the half wave wire that repeats . . .

"The half wave wire (or feed line) repeats at it's input what it sees at it's output",
therefore . . .

IF a (half wave) ground wire sees earth at it's output

THEN it will show (present, bestow, grant) earth at it's input,
and of course the "fatter" the ground wire the "better",
braid is best.

John
N3AAZ
FM 19 xa

>
>1) if you feed a signal into a quarter wavelength (adjusted for
>velocity
>factor) feed line, what goes in will come out at the same
>impedance. So, if the signal at that frequency comes in at 50 ohms,
>it
>comes out at 50 ohms.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 01 Feb 2001 06:44:40 -0500
From: ae5x@netscape.net
To: qrp-1@lehigh.edu
Subject: [90338] Evolution of QRP operating and QRP kits - what's next?
Message-ID: <78565FF2.13D9AFF4.00003ABB@netscape.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The recent thread on re-packaging a Norcal 40A and my own attempt to justify the purchase of an Elecraft K1 got me to thinking about the rigs I have, how I use them and how QRP/QRP kits have changed during the 10 years since I got involved in this aspect of ham radio with the purchase of one of the last Heath HW-9s.

I will never sell my HW-9, but as it sits on my desk right next to my DSW20, I can't help but marvel at the changes made in the past 10 years. The DSW is dwarfed by the Heath in physical size only. In 1990, if you wanted to build a QRP kit, you went to Heath. Sure there was Radiokit but...Look at all the choices now.

To operate from the field with your Heathkit, you needed a major part of your backpack devoted to the rig and its supporting cast (tuner, antenna, batteries, etc). Now you can do the same thing with a complete station that fits into a ziplock bag. Not only that, but your smaller rig (DSW, NC40, SST, K1, etc) is more battery-efficient, has a built-in keyer, freq annunciator, better receiver and

stabler (more stable?) VFO. And maybe an autotuner. I would never go on a backpacking trip with my HW-9 (has anyone?!) but the recent advances in miniaturization have made bringing the rig along almost as simple as an afterthought. I recently bought a new tent and the weight savings over my old tent is more than the total weight of an NC40A, batteries, ZM2 tuner, paddles and antenna.

Which gets me thinking:

What will we see in the next 3-5 years in QRP kits and QRP operating? Is the trend toward smaller, lighter rigs? A surface mount rig with the capabilities of the Norcal 40 and the footprint of an SST and the stability of a DSW sure sounds like a great rig, especially if it's a dual-bander.

Or are we attracted to the "gee whiz" factor - "You talked to Romania on that lil ole thang?!"

For me, its a combination of both. It is amazing how much technology can be crammed into such a small box and it's also a blast to have a rig lightweight enough to tote along on a camping trip. More and more people are now operating where they couldn't (or wouldn't) before - even hotel operating during business trips is more "do-able".

So what's next: a K1-sized, all band rig that does everything or a maximum-efficiency, monobander with built-in everything that's smaller than a deck of cards. Whichever it is, I want one!

And I did somehow manage to justify the purchase of a K1 (20/30m)!
72,

John Harper AE5X

Outdoor QRP & Low-Band DXing: <http://www.qs1.net/ae5x>

Get your own FREE, personal Netscape Webmail account today at <http://webmail.netscape.com/>

Date: Thu, 1 Feb 2001 08:01:06 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: William.Acito@brooks.com, qrp-1@Lehigh.EDU
Subject: [90339] Re: Toroid Core Color Code
Message-ID: <20010201.080115.-153353.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>I know this has been discussed before,
so if anyone has a link or faq
>reference please forward it to me.

The ARRL Handbook

>I bought at a flea what appears to be a toroid variety pack from
>... but was wondering if Amidon "mix" numbers are the same as
>Micrometals
>mix numbers. e.g. I need a few -43 material cores.

Powdered Iron vs Ferrite,
two different animals,
both work,
just different specs.

>Bottom line... I need a good overall ID sheet, color code matrix for
>toroids. Does one exist? Have I just signed up to create one? :-)

The ARRL Handbook has a good cross section of both,
RE: material vs size (inches) vs properties
to put you into the ballpark, then . . .

Tip,
I always built two, identical, units, then
connect them back to back (highZ to highZ)
to create a single unit (one test sample) with one input and
one output, then
connect a 50 Ohm (47 or 51) to the output, then
connect the MFJ 259 to the input, then,
add or remove turns (both units at the same time)
for best bandwidth on the MFJ.

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 01 Feb 2001 08:51:01 -0500
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org

Subject: [90340] [CONTEST] N2CQ QRP CONTEST CALENDAR - Feb 2001
Message-ID: <3.0.6.32.20010201085101.008cf1c0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

X-Sender: N2CQ@mail.citnet.com
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.6 (32)
Date: Thu, 25 Jan 2001 10:51:33 -0500
QRP Contesters,
Please send your sprint or contest info to: N2CQ@ARRL.NET
We will include it in the calendar.

72 de Ken - N2CQ@ARRL.NET

N2CQ QRP CONTEST CALENDAR

February 2001

QRP-L Foxhunt

Foxhunt: Every Tuesday And Thursday
Details: <http://www.cqc.org/fox>

Cub Foxhunt: Every Monday and Wednesday
Details: <http://www.qsl.net/k5DI/fox/>

Fox appears: 9pm EST, 8PM CST, 7PM MST and 6PM PST.

FPQRP-L Truffle Hunt

Flying Pigs Truffle Hunt: 30 minutes before the Foxhunt.
Details: http://www.fpqrp.com/pig_hunt.htm

New Hampshire QSO Party (All) ... QRP Category

Feb 3 - 0000z to Feb 4 - 2400z

Rules: http://www.nhara.nhradio.org/qso_index.html

"Work NH Counties. Free software available"

~~~~~  
Vermont QSO Party (All)

Feb 3 - 0000z to Feb 4 - 2400z

Rules: <http://www.ranv.together.com/vtqso.html>

"Work Vermont Counties"

~~~~~

10-10 Int. Winter QSO Party (SSB - Ten Meters) ... QRP Category

Feb 3 - 0001z to Feb 4 - 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

"Meet 10-10 members around the world"

~~~~~

FBYO Winter QRP Field Day (CW/SSB) ... QRP Contest!

Feb 3 - 1400z to Feb 4 - 0200z

Rules: <http://www.extremezone.com/~nk7m/fybo01.htm>

"SAFETY FIRST! PLEASE RESPECT THE WX AND YOUR OWN LIMITATIONS!"

~~~~~

Minnesota QSO Party (All) ... QRP Category

Feb 3 - 1400z to 2400z

Rules: <http://www.rossiya.net/mnqsorules.htm>

"Work MN. Prizes & plaque for QRP"

~~~~~

AGCW Straight Key QSO Party (CW 80M) ... QRP Category

Feb 3 - 1600z to 1900z

Rules: <http://www.sk3bg.se/contest/agcwskpw.htm>

"Work anyone. QRP Prizes"

~~~~~

Delaware QSO Party (All)

Feb 3 - 1700z to Feb 4 - 0500z

Feb 4 - 1300z to Feb 6 - 0100z

Rules: <http://www.fsarc.org/qso.htm>

"Best chance to work Delaware"

~~~~~

North American Sprint (Phone)

Feb 4 -0000z to 0400z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

"Intense competitions to sharpen skills on SSB"

~~~~~

Adventure Radio Society - Spartan Sprint (CW) ... QRP Contest!

Feb 6 - 0200z to 0400z (Monday Evening US/Canada)

Rules: http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html

"Testing of lightweight radio gear for outdoor QRP expeditions"

~~~~~

CQ World Wide RTTY WPX Contest

Feb 10 0000z to Feb 11 2400z

Rules: <http://www.rttyjournal.com/rules/wpx.html>

"MUCH RTTY DX"

~~~~~

PACC Contest (CW/SSB)

Feb 10 - 1200z to Feb 11 - 1200z

Rules: <http://home.wxs.nl/~pa3ebt/pacc/foreign.htm>

"Work Dutch stations. Awards given"

~~~~~

FISTS Winter Sprint (CW of course) ...QRP Category

Feb 10 - 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>

"Work some QRP FISTS or any other US/Canada FISTS"

~~~~~

RSGB 1.8 MHz Contest (CW)

Feb 10 - 2100z to Feb 11 - 0100z

Rules: <http://www.g4tsh.demon.co.uk/HFCC/Rules-2001/1.htm>

"A challenging band for antennas and receiving skills"

~~~~~

North American Sprint (CW)

Feb 11 - 0000z to 0400z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

"Intense competitions to sharpen skills on CW"

~~~~~

QRP ARCI Fireside Sprint (SSB) ...QRP Contest!

Feb 11 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/firesid.htm>

"QRP SSB fan's choice"

~~~~~  
Novice Roundup (CW)

Feb 12 - 0000z to Feb 13 - 2400z

Rules: <http://www.arrl.org/contests/months/feb.html>

"Work the Novices and Techs"

~~~~~

ARRL School Club Roundup (All)

Feb 12 - 1300z to Feb 16 - 0100z

Rules: <http://www.arrl.org/contests/announcements/scr.html>

"Work the school clubs"

~~~~~

ARRL International DX Contest (CW) ... QRP Category

Feb 17 - 0000z to Feb 18 - 2400z

Rules: <http://www.arrl.org/contests/announcements/intldx.html>

"Best DX so far this year"

~~~~~

CQ 160 Meter Contest (SSB) ... QRP Category

Feb 23 - 2200z to Feb 25 - 1600z

Rules: <http://www.cq-amateur-radio.com/160rules01.html>

"Give it a try"

~~~~~

REF (French) Contest (SSB)

Feb 24 - 0600z to Feb 25 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"

~~~~~  
North Carolina QSO Party (CW/SSB) ... QRP Category

Feb 24 - 1200z to 2359z

Feb 25 - 1200z to 2359z

Rules: <http://www.netpath.net/~n4mio/qsoparty.htm>

"Work NC Counties. Nice plaques"

~~~~~  
UBA DX Contest - Belgium (CW) ... QRP Category

Feb 24 - 1300z to Feb 25 - 1300z

Rules: <http://www.uba.be/HF/conrules/UBArulesfor.htm>

"Very good QRP entry. Work anyone. Software available for download"

~~~~~  
RSGB 7 Mhz DX Contest (CW)

Feb 24 - 1500z to Feb 25 - 0900z

Rules: <http://www.g4tsh.demon.co.uk/HFCC/Rules-2001/7mhz.htm>

"Experiment with simple or complex antenna systems"

~~~~~  
High Speed CW Club Contest ... QRP Category

Feb 25 - 0900z to 1100z

Feb 25 - 1150z to 1700z

Rules: <http://www.sk3bg.se/contest/hsccl.htm>

"Work anyone (if you can copy)"

~~~~~  
Colorado QRP Club Winter QSO Party (CW/SSB) ... QRP Contest!

Feb 25 - 2200z to Feb 26 - 0359z

Rules: <http://www.sk3bg.se/contest/coqrpwqp.htm>

"Work any QRP station"

~~~~~  
Thanks to WA7BNM, LA9HW, SM3CER, WB3AAL, K3WWP, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de                               \*\*\*\* N2CQ QRP Contest Calendar \*\*\*\*  
Ken Newman - N2CQ               <http://www.njqrp.org/data/contesting.html>  
N2CQ@ARRL.NET                   <http://www.n3epa.org/Pages/Contest/contest.htm>  
                                  <http://www.qsl.net/cqrp/contests.html>

72 de                               == QRP CONTEST CALENDAR ==  
Ken Newman - N2CQ               <http://www.njqrp.org/data/contesting.html>  
Woodbury, NJ  
N2CQ@ARRL.NET

-----  
Date: Thu, 01 Feb 2001 09:01:46 -0800  
From: "Craig A. Ferris" <cferris@aeronix.com>  
To: qrp-1@Lehigh.EDU  
Subject: [90341] Re: Orlando Hamvention  
Message-ID: <3A79967A.CD28B556@aeronix.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Swap, tailgating, and the 2nd commercial building will be open 12-9 on  
Friday.

72,  
Craig NR4E

Melbourne, FL

-----  
Date: Thu, 1 Feb 2001 07:55:23 -0600  
From: "Larry Gaalaas" <lgaalaas@qwest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "  
" <mnqrp-1@qth.net>  
Subject: [90342] FYBO  
Message-ID: <000b01c08c56\$a1a07ee0\$0300000a@larry>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It is 4 degrees below with a strong wind up here in Minnesota. We are getting ready for FYBO on Saturday. Will once again be operating WQORP. Visit our website <http://www.qsl.net/mnqrp/> for pics from past FYBOs.

73,  
Larry kb0r Minnesota QRP Society WQORP

-----  
Date: Thu, 1 Feb 2001 08:51:04 -0500  
From: ed.kwik@delphiauto.com  
To: qrp-1@Lehigh.EDU  
Subject: [90343] Re: Toroid Core Color Code  
Message-ID: <052569E6.004C3F8E.00@usabhmg99.mail.delphiauto.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

GREAT! You just solved my problem! I needed to figure out how to wind two coils with XL of 390 ohms for my 30 meter loaded dipole.

Ed AB8DF

-----  
Date: Thu, 1 Feb 2001 08:20:04 -0600 (CST)



From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Larry Gaalaas <lgaalaas@qwest.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90344] Re: FYBO  
Message-ID: <Pine.LNX.3.95.1010201081419.11275A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

It is MINUS 32 degrees Celcius here this morning and that doesn't include the windchill....as you know, -40 dC and -40 dF are pretty much the same...I don't think I'd like to Freeze My Buns Off now that it is indeed possible to do just that here in Regina!....hi hi hi....I won't have a multiplier but I'll have a warm bod!... ;-) ....good luck to everyone and play it safe eh!?!?

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Thu, 1 Feb 2001, Larry Gaalaas wrote:

> It is 4 degrees below with a strong wind up here in Minnesota. We are  
> getting ready for FYBO on Saturday. Will once again be operating WQORP.  
> Visit our website <http://www.qsl.net/mnqrp/> for pics from past FYBOs.  
>  
> 73,  
> Larry kb0r Minnesota QRP Society WQORP  
>  
>

-----  
Date: Thu, 1 Feb 2001 09:36:48 -0500  
From: "Brian" <bmurrey@amexol.net>  
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90345] Re: FYBO  
Message-ID: <002701c08c5c\$69115f80\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bruce,

Down here we call that "Good Camping Weather".

hehehhe

I was camping and QRPing with my scout troop last weekend. It was 12F in the tent on Saturday night. But not tooo cold for the flow of electrons!

72

----- Original Message -----

From: "Bruce Rattray" <rattray@gpfn.sk.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, February 01, 2001 9:20 AM  
Subject: Re: FYBO

> It is MINUS 32 degrees Celcius here this morning and that doesn't include  
> the windchill....as you know, -40 dC and -40 dF are pretty much the  
> same...I don't think I'd like to Freeze My Buns Off now that it is indeed  
> possible to do just that here in Regina!....hi hi hi....I won't have a  
> multiplier but I'll have a warm bod!... ;-) ....good luck to everyone and  
> play it safe eh!?!?

>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
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> > getting ready for FYBO on Saturday. Will once again be operating WQORP.  
> > Visit our website <http://www.qsl.net/mnqrp/> for pics from past FYBOs.

> > 73,  
> > Larry kb0r Minnesota QRP Society WQORP

> >  
> >

>  
>

-----

Date: Thu, 1 Feb 2001 09:45:40 -0500  
From: "Ed Tanton" <n4xy@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90346] Timely shipping or timely notice (WAS: QRP Kit Suppliers & Rainbow Enclosures)  
Message-ID: <CKEGICNFDIMCEKEDCEHFAEJOFNAA.n4xy@att.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Folks... Tim is absolutely correct that they 'ain't' making a lot of bread on our kit projects... the pc board problem recently experienced by NJQRP is a good case in point: theirs is a low enough profit-margin to start with; yet, now, they are having to pay to redo every one of those shipped kits. But through this, they are doing something very good: they are standing by their kits, whatever it takes. And they are communicating.

I don't believe the importance of this can be emphasized enough. Obviously all the efforts to get products out in a timely manner take a lot of time. And the more time lost due to problems beyond their control, the worse it gets. But-and this is directed at everyone selling anything:

\*\*\*\* if you will only keep people appraised about what's happening with THEIR purchase, 90% of the previously illustrated gripes could be eliminated. \*\*\*\*

There's always going to be someone who appears to enjoy griping or turmoil. Fine. Send them their money back as soon as you recognize them. For everyone else, a timely email will almost certainly be sufficient. I think Elecraft and Small Wonder Labs are BOTH good examples of this.

Look at Dave Benson's problems getting the parts for the DSW. He kept everyone constantly informed with his emails. The result? Everyone interested in a DSW not only didn't run screaming FROM the room... they ran screaming TOWARDS the room!!! And promptly bought out every one he could scrape together, and future units as well... I think.

Good communications are essential to good 'customer' relations. In today's very connected society, it's easily done, and the expectation of it is only reasonable.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Thu, 1 Feb 2001 09:48:51 -0500  
From: "Juan Ferrari" <puntrad@usa.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90347] E-QSL  
Message-ID: <08ed01c08c5e\$17a81600\$5e35f2d8@juan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Does any body knows if E-QSL is still in business??

Since yesterday I can't reach them.

73

Juan

-----  
Date: Thu, 1 Feb 2001 09:47:25 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <k5di@zianet.com>, "QRP" <qrp-1@Lehigh.EDU>  
Subject: [90348] Re: FOX Tom's Loud  
Message-ID: <1010101094727.JAA29911@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 1/31/01 8:14, Karl F. Larsen at k5di@zianet.com wrote:

>Good cw at 10 wpm is far better than bad cw at 20.

Amen to that!

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 01 Feb 2001 09:47:33 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: ae5x@netscape.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [90349] Re: Evolution of QRP operating and QRP kits - what's next?  
Message-ID: <3A797705.B244BD92@erols.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

While QRP Kits have gotten smaller and incorporated more features than the original Heathkits, I think you may be confusing the progress made in technology with the advance in QRP kits.

While QRP kits would have naturally made some progress in designs and features, the overwhelming changes have been made by the technology! Consider, at the time of the HW-9, a very good radio, there was no NE602, or it wasn't commercially available. And the NE602 has gone by the wayside, it's out of production now and has been replaced by the surface mount part. Surface mount was not even heard of when the HW-9 was produced. Yes, I do know about flatpack IC's which were really the forerunner of Surface Mount, but they were mil-spec chips and very hard to use if you didn't have a mil-spec assembly line behind you!

And chip technology has improved over the last 20 years! Many more combination chips exist now to perform functions that are required in communications. These have been brought on by the cellphone craze. That one wasn't even thought of in 1980.

What will the future bring? Maybe an Altoids sized single bander that will run a watt, maybe a somewhat larger multi-band, multi-mode 5 watter. At some point you have to come to grips with the operating controls. They can get so small that you cannot adequately adjust the radio. They set the limit on size, along with power dissipation.

73

-----

Date: Thu, 01 Feb 2001 09:47:43 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: ae5x@netscape.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [90350] Re: Evolution of QRP operating and QRP kits - what's next?  
Message-ID: <3A79770F.B538A5FE@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

While QRP Kits have gotten smaller and incorporated more features than

the original Heathkits, I think you may be confusing the progress made in technology with the advance in QRP kits.

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73

-----  
Date: Thu, 1 Feb 2001 10:09:20 -0500  
From: "AI2Q Alex" <ai2q@adelphia.net>  
To: <ad4ih@juno.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [90351] RE: OT -INSTRUCTOGRAPH  
Message-ID: <000301c08c60\$f4346f40\$7e0af618@knbunk.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Joe:

You may want to contact the Antique Wireless Association, of which I've been a lifelong member. The AWA has a rather elaborate museum and museum annex, and may be willing to either purchase the Instructographs, or perhaps you can donate them and receive a tax deduction.

You may also want to try posting an ad in the AWA bulletin, or on its Web site (not sure if you have to be a member to do the latter).

With old gear, the dollar value is essentially what the buyer is willing to pay, as you know. If you cannot find a buyer, it's worth very little. On the other hand, an eager buyer seeking your goodies would probably pay almost anything to get good working specimens.

They are, after all, antiques--and part of history.

GL ex 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Joseph I Pirkle  
Sent: Wednesday, January 31, 2001 9:25 PM  
To: Low Power Amateur Radio Discussion  
Subject: OT -INSTRUCTOGRAPH

Gang,

A widow of a recently deceased ham has asked that I help dispose of some of his ham-related estate. In the estate are two Instructograph series 500 machines, one of which is a near 10 out of a scale of 10, the other does not work and lacks in cosmetics (that well-used look). There is but one user's manual and there is some literature. Also 2 sets of 10 tapes. I am looking for help from someone knowledgeable of this equipment to help set a fair and reasonable asking price. The literature indicates a 1977 price of \$98.50 including the tapes.

Any help appreciated.

72/73,  
Joe Pirkle, AD4IH,  
QRP-L #2236  
ad4ih@arrl.net / ad4ih@juno.com

-----  
Date: Thu, 1 Feb 2001 10:40:33 -0500  
From: "Acito, William" <William.Acito@brooks.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>  
Subject: [90352] HB: How is it done? - Red Hot Radio Lettering  
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218BB49@mail-naeast1.brooks.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Not having any of the rigs in this series (i.e. nothing I can hold in my hands), I have to ask: How is the lettering done on the Red Hot Radio-series cases?

Picture here: <http://www.redhotradio.com/>

Stamped or engraved (looks engraved)? Is this something a homebrewer could replicate (quality exceeding what could be done with a dremel free-hand)?

Two thoughts --- obviously 1) lettering homebrew cases, and 2) as a means to create "islands" on copper-clad board for "dead-bug"-construction (in that vein, I'd also love to find a 1/4" hole bit with a 1/16" center-bit :-)

|  
|  
|-|-|  
|

( o )

Bill  
W1PA

-----  
Date: Thu, 1 Feb 2001 17:00:51 +0100  
From: Lagier Gerard <Gerard.Lagier@cnes.fr>  
To: "'QRP-L'" <qrp-l@lehigh.edu>  
Subject: [90353] Crystal filters  
Message-ID: <200102011555.QAA05526@cnes.fr>  
MIME-Version: 1.0  
Content-Type: text/plain

Hello from France,

I wonder is someone has some good (or bad) experience building crystal filter from 36 MHz (or up) overtone 3 crystal ?  
I'm actually working on a 10 and 12 pole filters with some difficulties.

Help, websites, welcome.

TKS

>  
> Gerard,  
>  
> F6EHJ (was FY7BC few years ago)  
> Toulouse (FRANCE)  
>



-----  
Date: Thu, 1 Feb 2001 07:58:46 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [90354] Re: QRP rig that can be controlled via serial port?  
Message-ID: <20010201155846.84087.qmail@web10006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Phil Wheeler <w7ox@earthlink.net> wrote:  
> Here is part of a msg posted by Elecraft on 12/23/00:  
>  
> > Thanks again for a great year! With your support Elecraft grew  
> > substantially this year and we hope to bring you even more exciting  
> > products in 2001. Stay tuned next quarter for the KPA-2 100W module  
> > for the K2, the K10-2 RS-232 Auxiliary I/O option, the K2 Audio  
> > Filter, the KAT-1 ATU and KNB-1 Noise Blanker for the K1 and some  
> > new surprises!  
> The I/O option is #2 in the queue, right after the PA, which already  
> exists in some form (I suspect the I/O does, too).

Thought I'd forward this to the list in case others are interested.

Thanks for all the help guys!

Jeff

=====  
AB6MB  
Stop censorship on mailing lists!  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798

-----  
Get personalized email addresses from Yahoo! Mail - only \$35  
a year! <http://personal.mail.yahoo.com/>  
-----

Date: Thu, 1 Feb 2001 08:38:36 -0800  
From: "W7TRX" <w7trx@mindspring.com>  
To: <William.Acito@brooks.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90355] Re: How is it done? - Red Hot Radio Lettering  
Message-ID: <005101c08c6d\$6d73bf80\$122579a5@de11>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bill,

Two other options for homebrew lettering:

- 1) Use dry transfer lettering then seal the finished work with a durable clear spray paint.
- 2) Create the front panel lettering layout on your PC. (letters in the color of your choice. Print it out on transparency plastic. This puts the letters on the back side for protection. Cut out the transparency and using aerosol glue, affix to heavy card stock in the color of your choice. Cut out this finished panel and glue or attach to the front of the radio.

Good luck,

Tracy, W7TRX

----- Original Message -----

From: Acito, William <William.Acito@brooks.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, February 01, 2001 7:40 AM  
Subject: HB: How is it done? - Red Hot Radio Lettering

> Not having any of the rigs in this series (i.e. nothing I can hold in my  
> hands), I have to ask: How is the lettering done on the Red Hot  
Radio-series  
> cases?  
> Picture here: <http://www.redhotradio.com/>  
>  
> Stamped or engraved (looks engraved)? Is this something a homebrewer could  
> replicate (quality exceeding what could be done with a dremel free-hand)?  
>  
> Two thoughts --- obviously 1) lettering homebrew cases, and 2) as a means  
to  
> create "islands" on copper-clad board for "dead-bug"-construction (in that  
> vein, I'd also love to find a 1/4" hole bit with a 1/16" center-bit :-)  
>  
> |  
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> | - | - |  
> |  
>

> ( o )  
>  
> Bill  
> W1PA  
>

-----  
Date: Thu, 1 Feb 2001 11:45:44 EST  
From: K5BDZ@aol.com  
To: William.Acito@brooks.com, qrp-l@lehigh.edu  
Subject: [90356] Re: HB: How is it done? - Red Hot Radio Lettering  
Message-ID: <cb.dc44e8f.27aaecb8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

#### Lettering Homebrew cases

1. Paint your case the color you choose (I make sure case is clean, usually use a primer, then final color. I also bake in "Mama's oven" for about 20 minutes at NO MORE THAN 200 degrees, and LET COOL) - hint: don't put it in with chocolate chip cookies...makes them taste terrible!
2. Buy rub-off lettering at electronic supply or art supply store (I get mine locally - don't know mail order source check [www.](http://www.), but it comes in many colors, I usually use black or white)
3. Lay out your panel to letter, measure knobs, etc to insure your letters will be seen after letters are applied.
4. Remove ALL knobs, switches etc from panel, leaving only a clean flat surface.
5. Carefully use rub-off letters to spell out your words etc. I use fairly blunt rounded pencil to rub off carefully
6. LIGHTLY spray over lettered surface with Clear Acrylic...LIGHTLY because the clear spray will soften the paint and the letter will sink into the paint a little...too much clear spray and the letter will sink into paint too much and ruin your lettering job.
7. Let dry for at least an hour.
8. Install all switches, etc, brag to your wife, take a digital picture, and put it on QRP-L for all to see.

Bill K5BDZ

-----  
Date: Thu, 1 Feb 2001 10:37:49 -0600  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <embres@frontiernet.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [90357] Re: Take a gander at this NorCal 20 enclosure  
Message-ID: <002e01c08c6d\$51149080\$409b66a6@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Cooooool Blue, neat, I love it! It would look great next to my Red one :-)

73 de w5jay..

> Hi guys -  
>  
> I have been meaning to put some pics of my NorCal 20  
> rig for sometime now...  
>  
> I got the camera out tonite & took a few quick images.  
>  
> Take a look and let me know what you think.  
>  
> Best regards.  
> - Gary N2JGU (embres@frontiernet.net)  
>  
> <http://www.frontiernet.net/~embres/bluenc20.html>  
>  
>  
>

-----  
Date: Thu, 1 Feb 2001 11:58:58 -0500  
From: "Acito, William" <William.Acito@brooks.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>  
Subject: [90358] Re: HB: How is it done? - Red Hot Radio Lettering  
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218BB50@mail-naeast1.brooks.com>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"

Just for clarification -- looking for a way to replicate the Red Hot Radio look, not a alternative (dry letters, transfer, paint, etc.) Although I appreciate the feedback.

I've done lots of cases with paint, lacquer, dry-transfer, etc with good results, but I'd like to try an even simpler look, very utilitarian ---- bare metal, with stamped or engraved letters.

btw, I have a set of lettering stamps on order from Harborfreight to try.

Remember those tracing replicators that Ronco or someone use to sell? You place a pencil in one hole, and trace the item with a stylus located in another hole, and create either a full size, or half size copy of what you traced? I'd love to get something like that for a dremel. (I believe the same method is used to make the engraved call-sign badges that most of us have a dozen or so of).

Ideas?

Bill  
W1PA

-----  
Date: Thu, 01 Feb 2001 12:09:50 EST  
From: Shepherd@aol.com  
To: <qrp-1@lehigh.edu>  
Subject: [90359] Feb Bacon Bits  
Message-ID: <a.84b6db5.27aaf261@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Well, it's here! Point yourself to:  
<http://www.mpna.com/fpqrq/news.html>  
and get this month's issue.

Don't forget, send your news items, articles, or story to me (n8ie@aol.com) for the March issue.

72, oo  
Dan, N8IE  
FPqrq #-6  
-----

Date: Thu, 1 Feb 2001 12:12:58 -0500  
From: Joseph I Pirkle <ad4ih@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [90360] arrl.net  
Message-ID: <20010201.121258.-3999141.0.ad4ih@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Noted the arrl.net is back on line.

72/73,

Joe Pirkle, AD4IH,

QRP-L #2236

ad4ih@arrl.net / ad4ih@juno.com

-----  
Date: Thu, 1 Feb 2001 12:17:11 -0500  
From: Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [90361] Re: HB: How is it done? - Red Hot Radio lettering  
Message-ID:  
<4F76B3D4A76AD111803B00A0C9893D9C06ED8CED@cninexchsrv05.crane.navy.mil>  
MIME-Version: 1.0  
Content-Type: text/plain

I'd say that it was engraved. Have you considered taking to one of those engraving places that seem to proliferate in malls? I know that's not home brewing, but it might get the job done. I'd take in a scrap piece of the material for them to engrave first, just to make sure you get what you want without ruining the piece. What you are looking for is called a pantograph. Go to <<http://www.gravers.com/>> and check out their products. They have a "small" computerized pantograph for only \$3495. That's right, three thousand four hundred etc. That would pay for a heck of a lot of trips to the local engraver. Good luck and post if you figure it out.

73 de N9KH

-----  
Date: Thu, 1 Feb 2001 09:28:34 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [90362] QRPp has New Column  
Message-ID: <01c08c74\$678c0b20\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys, you may have noticed that we have a new column in QRPP, done by Tony Fishpool, G4WIF and Graham Firth, G3MFJ, called Test Equipment That Doesn't Cost a Mint. These two gentlemen were huge hits at Pacificon with their talk on building and using simple test gear. We talked at the convention and decided that it would be a neat series to run in QRPP. The winter issue which was just mailed a week or so ago, has the first installment of their column. I would appreciate some feedback on what you think of it. Also, you will note that the format of QRPP has changed from 2 columns to one, plus we are using a slightly larger type font. Comments on that would also be appreciated. QRPP is published for the purpose of sharing ideas and promoting QRP. We get lots of help from Richard Fisher who writes the member's news column, Paul Harden who does the wonderful illustrations and is truly the Norman Rockwell of Ham Radio, Tony Fishpool and Graham with their column, and of course all of the great authors who contribute.

Tony and Graham will be making a couple of personal appearances this year. They will be speaking at Atlanticon and at Arkiecon in Ft. Smith. It is a great chance to hear a couple of the "good guys" in QRP. The subject of their talk? Why, Building and Using Test Equipment That Doesn't Cost a Mint!! Grin. 72, Doug

-----  
Date: Thu, 1 Feb 2001 11:25:43 -0600  
From: crc@io.com  
To: qrp-l@lehigh.edu  
Subject: [90363] Re: HB: How is it done? - Red Hot Radio Lettering  
Message-ID: <3A7947B7.25959.5B4555@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I took my NC-20 to a jeweler and had it engraved, then rubbed black paint into the grooves. Trophy shops also do this and will be cheaper, if you don't have a brother in the jewelry business.

charlie  
W5KRF  
charlie c

-----  
Date: Thu, 01 Feb 2001 09:51:01 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: ki6ds@dph.dpol.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90364] Re: QRPP has New Column  
Message-ID: <3A79A205.4DD048C4@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Doug Hendricks wrote:

>  
> Guys, you may have noticed that we have a new column in QRPP, done by Tony  
> Fishpool, G4WIF and Graham Firth, G3MFJ, called Test Equipment That Doesn't  
> Cost a Mint. These two gentlemen were huge hits at Pacificon with their  
> talk on building and using simple test gear. We talked at the convention  
> and decided that it would be a neat series to run in QRPP. The winter issue  
> which was just mailed a week or so ago, has the first installment of their  
> column. I would appreciate some feedback on what you think of it.

I like the idea, Doug. But, personally, I'd like to see some "less simple" things, too (since many of us have probes and such). In the extreme "less simple" vein, I very much enjoyed Tony's article in the Sept 1996 QRPP on the "Homebrew Spectrum Wavemeter", though I have not yet tried to build it (what *\*are\** the specs on a BB212 varicap/varactor?).

> Also,  
> you will note that the format of QRPP has changed from 2 columns to one,  
> plus we are using a slightly larger type font. Comments on that would also  
> be appreciated.

Looks very readable, but not a driver either way (the old format was fine, too).

> QRPP is published for the purpose of sharing ideas and  
> promoting QRP. We get lots of help from Richard Fisher who writes the  
> member's news column, Paul Harden who does the wonderful illustrations and  
> is truly the Norman Rockwell of Ham Radio, Tony Fishpool and Graham with  
> their column, and of course all of the great authors who contribute.  
>

Paul's artwork is indeed special. I liken it to what I used to call Scientific American style. Over the years I've much enjoyed his hints and kinks and the articles related to 'scopes and spectrum analyzers.

73, Phil W7OX

-----



Date: Thu, 1 Feb 2001 12:54:05 -0500  
From: "Rick - WW9JD" <ww9jd@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90365] Re: Evolution of QRP operating and QRP kits - what's next?  
Message-ID: <3A795C6D.6092.139E88B@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

//snip

> What will the future bring? Maybe an Altoids sized single bander that  
> will run a watt, maybe a somewhat larger multi-band, musti-mode 5  
> watter. At some point you have to come to grips with the operating  
> controls. They can get so small that you cannot adequately adjust the  
> radio. They set the limit on size, along with power dissipation.

I know what I'd like the future of QRP radio controls to be - Palm  
OS. I don't know what the technical hurdles would be. My Palm III  
runs for about a month on a set of AAAs so that has to make it  
about the most QRP-like computer out there. I'd love to see more  
Ham Radio applications for it. I'd love to control a little QRP brick  
with it. I don't have the programming/hardware skills right now, but  
maybe someday... :-)

73,

Rick  
<><

-----  
Rick Dubbs WW9JD  
Greenwood (near Indianapolis), Indiana USA

-----  
Date: Thu, 1 Feb 2001 09:52:10 -0800  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "QRP-1 Forum (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [90366] Really Stupid Question Time (calibrating a function generator)  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76A0C@hq-expo2.filenet.com>

I resurrected a Heath IG-1271 function generator from the evil clutches of a  
vendor at a swap meet and was going through the calibration routine when to

my wondrous eyes should appear the fact that the three different waveforms did not agree with respect to frequency as I adjusted them.

Said another way: When I calibrated the triangle waveform for, say 1 MHz and immediately switched to a sine wave, the frequency was somewhat less -- say 0.99850 Mhz. In my ignorance, I ascribe this to the response of the frequency counter to the different waveforms.

While the unit is not new, should I expect all three type to agree? If not, then I guess I should calibrate it using the triangle wave inasmuch as that is what the unit \*originally\* generates (the square wave and sine wave are derived from this).

I would appreciate any thoughts from anyone with knowledge of this unit as well as information on the subject in general.

Thanks for the space.

W. H. Phinizy, K6WHP  
Principal Engineer  
FileNET Corporation

-----  
Date: Thu, 01 Feb 2001 13:05:02 -0500  
From: "L. Mark Pilant" <n1vqw@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [90367] RE: ARRL.NET address bouncing....  
Message-ID: <3A79A54E.5905EB00@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just received this from the ARRL:

"The ARRL.net forwarding service experienced an outage last night. The outage was caused by a large influx of spam, which, in the process of being handled by the mailing system, caused the main hard drive to run out of space.

Any mail that was sent during the outage has been suspended in the arrl.net server's message queue and while delayed, will eventually reach the intended recipient. We apologize for the inconvenience and thank you for your

patience. "

73

- Mark N1VQW

-----  
Date: Thu, 1 Feb 2001 10:11:30 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Cc: <na5n@rt66.com>  
Subject: [90368] Steve Weber & FYBO  
Message-ID: <01c08c7a\$66ff9ae0\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, just had some email from Steve Weber, he was telling me of his plans to snowshoe up in the mountains to operate FYBO. I visited Steve a couple of years ago, was on a tour of the New England states, and drove through his home town. I looked him up and we had a neat visit.

Steve runs a TV repair shop and is the local electronic fix it guy. He has a shop that is probably 20 x 40 feet and it has a pitched roof, with a fan dipole on the top. He just said that his roof has so much snow on it that the dipole is almost covered!!! There is also a roaring river that runs by his shop, a beautiful setting. He said that it is now frozen solid. I can't imagine it being that cold for so long. Brrrrrrrrrrrr. Thank goodness I live in California.

When you hear Steve on and he gives you the temp, I bet that it is gonna be a single digit, wonder if it will be negative??? FYBO is sponsored by the Arizona Scorpions and is a blast. It is the first of the "go out and operate in nature" events, and a ton of fun. Hope to hear you on the air Saturday. I guarantee you that my temp. is gonna be in the upper double digits.

Jim Duffey has a neat excursion planned, and I bet Paul Harden and Jan will be out there too. Paul, you might comment on the gear that Jan has packed and ready to go for the event. A couple of years ago, Paul, Jan and I operated from near Las Vegas. We met in the morning, got in the rental car and drove out to find a site. When we arrived, we started to set up. If you know Paul and I, that means get out the cardboard box with a bunch of stuff in it. You know the picture, clip leads, a roll of masking tape, two candy bar wrappers, rolled up wire, squished up wire that is in such a mess

that it will take 3 years to unravel, but hey, we might need it. Pair of pliers on the bottom of the box, screwdriver that has the wrong blade (i.e. phillips if you need blade, blade if you need phillips). 13 pens, 12 of which don't work but you keep them for coil forms, 7 adapters, none of which is the one that you need. Two batteries, one of them dead. A couple of radios, headphones with the foam padding missing on one earpiece. Both Paul and my boxes look the same, in fact we could probably grab each other's box and not know it for a year.

Then there is Jan. She has a metal trunk, with the reinforced corners. She opens the lid, looks like a IBM technicians tool case. Every blasted thing is exactly where it belongs. She has everything one could possibly need, and she has a check list and a map to find it!! What is sickening, is that the stuff is all there!! How can anybody be this organized. It is a sin. She has her main radio, and a backup. She has her paddles, and a backup. She has every adapter known to man. Oscar and Felix come to mind. Paul and I are Oscar, Jan of course is Felix. Now I want to know what her gear looks like for FYBO. I already know what Paul's (Oscar's) looks like, (cardboard box with etc. etc.) His idea of cold weather preparedness is running the car and using the heater to keep warm, just like mine.

Have fun and get on the air. 72, Doug, KI6DS

-----  
Date: Thu, 1 Feb 2001 10:17:02 -0800  
From: "Doug Hauff" <slmachco@fix.net>  
To: "<" <qrp-1@Lehigh.edu>  
Subject: [90369] Enclosure Labeling  
Message-ID: <200102011811.KAA26971@clark.fix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

The lettering on the Red Hot and other of my enclosures is created thusly:

- 1 text machine code file generated with CAD-CAM software
- 2 text code is inserted into machine program format
- 3 program is fed to CNC mill, lettering is engraved using a 1/32 inch ball end mill

The easiest way to replicate this process is to take a polished or anodized panel (paint may work) to a trophy shop & have 'em engrave it for you...

72,

Doug Hauff KE6RIE

-----  
Date: Thu, 1 Feb 2001 13:12:42 -0500 (GMT+5)  
From: <wd9eyb@butler.qrp.com>  
To: qrp-1@lehigh.edu  
Cc: wvara@butler.qrp.com  
Subject: [90370] Klunky on QSL.NET  
Message-ID: <Pine.LNX.3.95.1010201131102.30358A-100000@butler.qrp.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have put a copy of Klunky Schematic Editor on QSL.NET.  
<http://www.qsl.net/wd9eyb/klunky/>

Jim, WD9EYB

-----  
Date: Thu, 1 Feb 2001 13:16:49 -0500 (EST)  
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90371] FYBO / Morse Code question  
Message-ID: <Pine.LNX.4.21.0102011314230.15388-100000@hendryx.tcnet.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Stupid question, but...

If the temperature is below zero, how do you send it? NEG? Just want to be prepared for that long exchange..

Ken McGuire  
KC8LTL in EN74cp  
at902@tcnet.org

-----  
Date: Thu, 01 Feb 2001 10:25:33 -0800  
From: KB7WW Art Moe <kb7ww@chatusa.com>  
To: slmachco@fix.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90372] Re: Enclosure Labeling  
Message-ID: <3A79AA1D.E66691EC@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Another tool that works well is a small center drill. In our shop we use them all the time to do engraving, We have found that they are less fragile than engraving tools or small ball mills. Also you can by use different sizes at different depths to produce different size lines. They are also cheaper.

Art  
KB7WW

Doug Hauff wrote:

>  
> The lettering on the Red Hot and other of my enclosures is created thusly:  
>  
> 1           text machine code file generated with CAD-CAM software  
>  
> 2           text code is inserted into machine program format  
>  
> 3           program is fed to CNC mill, lettering is engraved using a 1/32 inch  
ball  
> end mill  
>  
> The easiest way to replicate this process is to take a polished or anodized  
> panel (paint may work) to a trophy shop & have 'em engrave it for you...  
>  
> 72,  
>  
> Doug Hauff   KE6RIE

-----  
Date: Thu, 1 Feb 2001 13:34:35 -0500  
From: "Victor Blackwell" <victor@brecnet.com>  
To: <at902@tcnet.org>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [90373] Re: FYBO / Morse Code question  
Message-ID: <002201c08c7d\$bda85460\$525730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

When in doubt about what to send you can always spell the word. This would

apply to any situation. But, if you are operating a CW WX circuit, the ops could agree upon a prosign or initials. i.e.. NEG for negative.

Vic AD8K

>Stupid question, but...

>

>If the temperature is below zero, how do you send it? NEG? Just want to  
>be prepared for that long exchange..

>

>Ken McGuire

>KC8LTL in EN74cp

>at902@tcnet.org

>

-----  
Date: Thu, 1 Feb 2001 13:39:41 -0500  
From: "Acito, William" <William.Acito@brooks.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@lehigh.edu>  
Subject: [90374] Re: HB: How is it done? - Red Hot Radio lettering  
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218BB52@mail-naeast1.brooks.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

re: Pantograph

Thanks Keith... I knew that thing had a name.

Here's a similar item to hopefully generate some ideas...

<http://toolies.com.au/catalogue/power/00023450.htm>

If I used an engraving bit on a homebrew version of this, using the weight of the dremel itself as the downward force, it's not going to cut through case aluminum is it? I could just retrace the letter (using a drafting lettering guide) until the letter was deep enough, correct?

Bill

W1PA

-----  
Date: Thu, 1 Feb 2001 11:58:26 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: KENNETH ROBERT MCGUIRE <at902@tcnet.org>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90375] Re: FYBO / Morse Code question  
Message-ID: <Pine.SUN.4.10.10102011150200.17416-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 1 Feb 2001, KENNETH ROBERT MCGUIRE wrote:  
> If the temperature is below zero, how do you send it? NEG? Just want to  
> be prepared for that long exchange..

Ken and others,  
Haven't missed an FYBO yet. For "below zero" temps, it seems most  
guys in the past send MINUS ... i.e., "MINUS 12F." I think that  
method is straight forward and causes little confusion. You start  
sending other things, it will likely cause the receiving station to  
ask for a repeat, which is wasted time.

I'll be operating from San Lorenzo Canyon, north of Socorro, always a  
bit "chillier" than in the Rio Grande Valley. Been a colder than  
usual winter here, but I highly doubt I'll have the opportunity to  
send MINUS anything :-)

The coldest temp I recall was a K0??? 3 years ago who snowed shoed  
to some glacier or something outside of Steamboat Springs, CO. He  
was sending MINUS 18 or thereabout. Brrr. Perhaps the official  
AzScQRPion statistician can recall. KI0G ???.

72 and CU on for FYBO,  
Paul NA5N

-----  
Date: Thu, 01 Feb 2001 14:03:28 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90376] Re: FYBO / Morse Code question  
Message-ID: <XFMail.010201140328.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

To abbreviate even further, I usually send just "M" as in "M5F" Haven't  
really had any confusion, and at those temperatures, it's too cold to send  
more than you have to. (Never got the knack for sending with gloves on).



John W2AGN

On 01-Feb-01 Paul Harden, NA5N wrote:

> Ken and others,  
> Haven't missed an FYBO yet. For "below zero" temps, it seems most  
> guys in the past send MINUS ... i.e., "MINUS 12F." I think that  
> method is straight forward and causes little confusion. You start  
> sending other things, it will likely cause the receiving station to  
> ask for a repeat, which is wasted time.

-----

Date: Thu, 01 Feb 2001 11:04:22 -0800  
From: Jeff Grudin <grudin@vdbbs.com>  
To: qrp-l@lehigh.edu  
Subject: [90377] Sort of OT: Generator Question  
Message-ID: <3A79B336.A500095D@vdbbs.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Living in California, I am looking into buying a generator. I would like to get the very smallest generator I can that will meet my needs. I am looking at a Honda EU1000i.

My question is this: This generator will meet all of my needs for camping and boating.

If I want to run a contest station with one 100W rig and a laptop computer, will this generator keep up if I use a battery charger trickle charging a deep cycle battery and run the rig off of the battery?

I am not sure how to calculate my needs exactly as to percentage of time transmitting, ETC.

TIA for any help on this one.

--

73 de AC6KW <mailto:grudin@vdbbs.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----

Date: Thu, 1 Feb 2001 12:28:04 -0700  
From: "Dave Ek" <ekdave@earthlink.net>  
To: <qrp-l@lehigh.edu>

Subject: [90378] DMM on sale 80% off at Radioshack.com  
Message-ID: <003d01c08c85\$1ad416e0\$3f813389@ekdant>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

The latest Radioshack.com sale flyer came in the mail yesterday. On page 13 is listed a Metex digital multimeter with a PC interface for \$19.95. Regular price is given as \$99.95! I don't own one of these (but I do have another Metex model DMM which works great), but it looks like a heckuva bargain. Catalog number is 910-4092.

Dave Ek  
AB0GO

-----  
Date: Thu, 1 Feb 2001 14:32:05 -0500 (EST)  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: Radioham <radioham@home.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90379] Re: Orlando Hamvention  
Message-ID: <Pine.BSF.4.10.10102011429520.55596-100000@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The exhibit/tailgate area opens at 1200 on Fri. I am planning on going to the fairgrounds when my conference at Mouseville adjourns at 1300 on Fri.

On Wed, 31 Jan 2001, Radioham wrote:

> I will be in Orlando on business for a few days next week, ending on  
> Friday.

-----  
Date: Thu, 01 Feb 2001 13:37:26 -0600  
From: Michael Melland <badger@vbe.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [90380] RE: DMM on sale...also 12v gel cell pwr supply  
Message-ID: <NEBBLKAGEKBNGELOFFCAGEEFCDAABadger@vbe.com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

They also have a very nice portable 12 volt Vector Mfg Ltd. power supply on their web site only section. The catalog number is: 98-1109 and it's also \$19.99 on sale (was \$40). It's a 4.5 amp hour gel cell, cig plug socket, 10 amp fused, DC/DC charger lead, AC power cube charger in a nice carrying case with strap. I got mine yesterday and it's really nice !

73 de Mike, W9WIS

--

Michael Melland, W9WIS  
QRP-L #1656 QRPARCI #9875  
SOC #142 IPARC #252  
EN54pc Winnebago Cty, Wisc.

-----  
Date: Thu, 1 Feb 2001 14:32:14 -0500  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: <stjohn@ocsnet.net>  
Cc: <qrp-l@Lehigh.EDU>  
Subject: [90381] Re: Antenna Feed Lines -- perplexing qq's  
Message-ID: <008101c08c86\$10954c20\$ccb8183f@dbw11main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tom,

A big part of your perplxion is that the idea about a quarter wavelength line is incorrect.  
An electrical HALF wavelength line will repeat its input impedance.  
An electrical quarter wave line will TRANSFORM an impedance lower than it's characteristic impedance to a higher impedance. (in fact ANY wavelength of mis-matched line will transform impedances, but the numbers are more complex at the non-quarter wavelength multiples.)  
With these basics, check out the information and formulas in the feedline section of the ARRL handbook on quarter wave sections to see just what will transform to which - it is sort of like inverting the impedance around the characteristic impedance of the line (thus 100 ohms is transformed to 50 on a 1/4 wave 75 ohm line - difference of 25 on each side of the 75 ohm midpoint).

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:  
<http://www.w3fpr.webprovider.com>

QRP-L # 485 K2 SN 0020 mailto: w3fpr@arrl.net

----- Original Message -----

From: <stjohn@ocsnet.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>

> Some where along here I got it in my cranium that

>

> 1) if you feed a signal into a quarter wavelength (adjusted for velocity

> factor) feed line, what goes in will come out at the same

> impedance. So, if the signal at that frequency comes in at 50 ohms, it

> comes out at 50 ohms.

>

> I have a perplexer.

>

> If this is factual, why is it that:

>

> 2) if you want to feed a full wave loop (impedance 100 ohms), you can

> use a "quarter wavelength feed line" at 75 ohms to MATCH the 50 ohm

> source to the 100 ohm load?

>

>

-----

Date: Thu, 01 Feb 2001 14:38:26 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: ww9jd@arrl.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [90382] Re: Evolution of QRP operating and QRP kits - what's next?

Message-ID: <3A79BB32.D4BADC56@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Rick,

I think the imposition of computer control is a likelihood, as are complete software radios, but I believe the development costs and the control circuitry will offset any size benefit!

73

-----

Date: Thu, 01 Feb 2001 13:50:40 -0600

From: MIKE SOUHRADA <wb9iog@revealed.net>  
To: n0rc@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90383] Re: R/S sale items  
Message-ID: <3A79BE10.6F860E14@revealed.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rod Cerkoney

Rod and all:

First tnx Rod for the earlier post, my 259 quit and it's no fun without one.

I wanted to replace my cranky MFJ 259 with a newer version and the DMM just posted.

Received both today! I went to the local store and ordered it there on Monday- pretty fast service.

Both items look very good , in fact was working last night on my bench and wished I had the DMM at that time. Can't go wrong for the money on either item.

New toys are FUN.

Mike

Iowa

> The R/S Feb sale flyer is on the web. Some good for the RDIY:  
> Panavise items  
> Resistor Kits  
> Power Supplies  
> Fluke & other DDMs  
> [http://www.radioshack.com/Specials/InStore/02\\_2001/MonthlySpecials.asp](http://www.radioshack.com/Specials/InStore/02_2001/MonthlySpecials.asp)  
> 73, Rod N0RC  
> Ft Collins CO

-----  
Date: Thu, 1 Feb 2001 11:57:08 -0800  
From: "Dennis Morales" <dennismo2@home.com>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [90384] FYBO From Paradise!  
Message-ID: <000901c08c89\$28d91f20\$3413a7ac@santab1.ca.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang & FYBO Loonies ...

The Chaparral Amateur Radio Club, W6MV, will be up on top of Figueroa Mountain in the back country of Santa Barbara County in California. We hope to see the thermometer dip as low as +30 F. this weekend, but that may be just wishful thinking! Never-the -less we shall be squirting RF into the ether for the duration of the 'test'. So keep your ears tuned for Whiskey 6 Mountain Vultures (or Mili-Volt). We will have at least four CW ops - two 30+ wpm and two 10-20 wpm.

Please all be careful and know your limitations! This is just for fun so be around to enjoy the after-contest fun here on the list.

73 es God Bless de Denny AD6EZ <><  
Goleta, CA

-----  
Date: Thu, 01 Feb 2001 14:06:55 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: badger@vbe.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90385] Re: DMM on sale...also 12v gel cell pwr supply  
Message-ID: <3A79C1DF.AA41C239@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I also got mine yesterday! It is charging up now.

The spec sheet claims that it is a 5 amp-hr battery, FWIW. One caution: they warn not to charge the battery from the wall-wart longer than 48 hours.

Makes a very nice and small package with a shoulder strap for carrying if you want. Very much worth \$20. Understand that it is not available at RS stores.

Serious warning: the plastic packaging for this thing practically requires a saw and a blowtorch to get into! Be careful . . .

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Michael Melland wrote:

>

> They also have a very nice portable 12 volt Vector Mfg Ltd. power supply on  
> their web site only section. The catalog number is: 98-1109 and it's also  
> \$19.99 on sale (was \$40). It's a 4.5 amp hour gel cell, cig plug socket, 10  
> amp fused, DC/DC charger lead, AC power cube charger in a nice carrying case  
> with strap. I got mine yesterday and it's really nice !

-----

Date: Thu, 1 Feb 2001 15:11:22 -0500

From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>

To: grudin@vdb.com, qrp-1@Lehigh.EDU

Subject: [90386] Re: Sort of OT: Generator Question

Message-ID: <v03110703b69f716af423@[132.235.81.133]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>Living in California, I am looking into buying a generator. I would  
>like to get the very smallest generator I can that will meet my needs.  
>I am looking at a Honda EU1000i.

>

>My question is this: This generator will meet all of my needs for  
>camping and boating.

>

>If I want to run a contest station with one 100W rig and a laptop  
>computer, will this generator keep up if I use a battery charger trickle  
>charging a deep cycle battery and run the rig off of the battery?

Jeff,

Trickle charging will probably not keep up with the current demands  
of a 100 watt contest station.

Do what we have done for the past few Field Days; get a 12 volt  
power supply that can supply enough current to run your rig on 120 volts  
ac. We then adjusted the output of the power supply to 13.2 volts DC and  
paralleled our deep cycle battery on the output.\* Hook up rig, start  
generator and have at it. The generator will run your rig and keep the  
battery topped off. (Much like an alternator does in an auto) If the  
generator runs out of gas, the battery will keep your rig going for more  
than a few hours by itself. Works great!

\*This is enough juice to keep the battery charged, but not enough to "boil"  
out the contents of the cell.

If the battery is not fully charged, the power supplys current limiting

should keep it from over-currenting the battery. Our power supply is 25 amp max. The big battery doesn't even sweat!

NS80

-----  
Date: Thu, 01 Feb 2001 14:22:57 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: weinfurt@oak.cats.ohiou.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90387] Re: Sort of OT: Generator Question  
Message-ID: <3A79C5A1.9B700B87@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Good ideas, but you might want to consider starting the generator first and getting it running steadily and then connecting to the 120-volt power supply and letting it stabilize and then connecting up the battery, etc.

Finally, after everything is running smoothly, THEN connect up and turn on the radio and computer.

Problem is with starting transients, etc. with small generators. They need a little time under light or no load to warm up, come to speed(frequency) and stabilize their output voltage.

Another potential (joke?) problem concerns regulation of the output voltage under load. Small generators tend to be less proficient in this area than larger, heavy-duty units. Another reason for taking things one step at a time when firing up. The battery should isolate the load from the genset such that the generator sees a fairly constant load even when you are not transmitting.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Greg Weinfurtner wrote:

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> of a 100 watt contest station.

>

> Do what we have done for the past few Field Days; get a 12 volt  
> power supply that can supply enough current to run your rig on 120 volts  
> ac. We then adjusted the output of the power supply to 13.2 volts DC and  
> paralalled our deep cycle battery on the output.\* Hook up rig, start  
> generator and have at it. The generator will run your rig and keep the  
> battery topped off. (Much like an alternator does in an auto) If the  
> generator runs out of gas, the battery will keep your rig going for more  
> than a few hours by itself. Works great!

-----  
Date: Thu, 1 Feb 2001 16:03:44 -0500  
From: Richard Rood <fcsww@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [90388] FYBO Morse code ?  
Message-ID: <20010201.160345.-4038731.3.fcsww@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

what's wrong with -  
(dah didididi dah)  
?

Dick W2SCF

-----  
Date: Thu, 1 Feb 2001 15:57:35 -0500  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: <nilsbull@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90389] Re: That Stockton meter thingie again  
Message-ID: <01ba01c08c92\$bdd153a0\$ccb8183f@dbw11main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Nils and folks,

This is the classic case of 'the man with 2 meters" and not knowing which  
one is correct.

----- Original Message -----

From: <nilsbull@juno.com>

>

> I noticed that (a) the Fluke 77 reads lower in voltage than my Emco DMR-1  
> and that (b) the voltage readings on the DMR-1 are somehow frequency  
> dependant. Which made "calibration" rather interesting. Like I was  
> getting the same readings on the Fluke across the range of 1.8 to 28.060  
> MHz but the DMR-1 was reading much lower on 160 than on 10m. Don't  
> understand that one.  
>

I cured this condition with a voltage reference - LM4040AIZ-2.5 that I got from DigiKey. I connected it to a 9 volt battery through a 620 ohm resistor, and it gives me a reference for 2.5 volts with a tolerance of 0.1% or +/- 0.00025 volts.

Now I can check all my meters and know which ones are giving me bad readings.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:  
<http://www.w3fpr.webprovider.com>  
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

-----  
Date: Thu, 1 Feb 2001 14:23:11 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [90390] FOX Where are they?  
Message-ID: <Pine.LNX.4.31.0102011421300.1359-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I looked and K4FB is due to be a 30 wpm fox at 0200UTC but sure see nothing from him on the list. Have the rules been changed?

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 01 Feb 2001 21:18:10  
From: "Larry Wise" <lewise@txwises.com>  
To: "qrp" <qrp-l@lehigh.edu>  
Subject: [90391] Re: FYBO / Morse Code question

Message-ID: <200102012121.PAA38325@aoot.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Well, clearly gang we sent the dash or minus sign,

dahdididididah

before the number, right? (overbar DU) :-)

Larry KA5T

On Thu, 1 Feb 2001, KENNETH ROBERT MCGUIRE wrote:

> If the temperature is below zero, how do you send it? NEG? Just want to  
> be prepared for that long exchange..

-----  
Date: Thu, 1 Feb 2001 16:30:05 -0500  
From: "Acito, William" <William.Acito@brooks.com>  
To: "'Qrp-l@lehigh.edu'" <Qrp-l@lehigh.edu>  
Subject: [90392] Re: HB: How is it done? - Red Hot Radio lettering  
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218BB55@mail-naeast1.brooks.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

>>>BTW, tried the url on your email without success.

Sorry.... saving the link and then reloading and the browser loses it's mind  
for some reason.

The router pantograph is at <http://www.toolies.com.au>  
Enter the site, click on "on-line catalogue", "power tools", "accessories",  
and in the list you'll see "router pantograph". I'm not linked to these guys  
in anyway... it's just where an Altavista search brought me (I'm not  
affiliated with them, either).

I picked up some strip aluminum at the hardware store over lunch. Will try a prototype for the dremel and see if it works.

Bill W1PA

-----  
Date: Thu, 1 Feb 2001 15:32:19 -0600  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: <lewise@txwises.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90393] Re: FYB0 / Morse Code question  
Message-ID: <01a501c08c96\$78043aa0\$0300a8c0@bergenbrunswick.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hmmm , did I detect key clicks on that one?

Dan W. Dooley WB5TKA Bedford, Texas EM12ku  
e-mail to: dandooley@pipeline.com  
Web site: <http://www.qsl.net/wb9tka>  
SOC #198, FPQRP # -104  
May Goddes love blest ye alle  
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----  
From: "Larry Wise" <lewise@txwises.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, February 01, 2001 9:18 PM  
Subject: Re: FYB0 / Morse Code question

>  
> dahdididididah  
>  
> Larry KA5T

-----  
Date: Thu, 01 Feb 2001 21:34:32 +0000

From: Brendan Minish <EI6IZ@oceanfree.net>  
To: weinfurt@oak.cats.ohiou.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90394] Re: Sort of OT: Generator Question  
Message-ID: <5.0.2.1.2.20010201211530.02ec0c98@mail.oceanfree.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 15:11 01/02/2001 -0500, Greg Weinfurtner wrote:

> Do what we have done for the past few Field Days; get a 12 volt  
> power supply that can supply enough current to run your rig on 120 volts  
> ac. We then adjusted the output of the power supply to 13.2 volts DC and  
> paralalled our deep cycle battery on the output.

There are a few potential problems with this set up, one being many (most?)  
13.8v PSUs tend to take out Pass transistors IF they are connected across a  
battery and the AC is off. There is some good info on the ARRL Web site on  
this method of powering equipment  
including info about how to modify most PSU's based around 723 regulator chips.  
If you don't take precautions your PSU will release smoke and cease to  
function if your generator stops whilst the PSU is connected to the battery

The other problem is that most lead acid batteries HATE and will be  
permanently damaged by undercharging, most 12v lead acid batteries float  
charge at 13.8 v or thereabouts

Having said that, I run my entire Shack from a large Lead acid Battery  
which is permanently float charged at 13.8v. My battery is an old truck  
battery and not very well suited to this task but it was free and does  
provide me with enough power to tun through extended outages, when it Dies  
I will replace it with another free ex-truck battery.  
Deep cycle or float service batteries would be more suited to my task but  
would also cost money...

see

Practical Battery Back-Up Power for Amateur Radio Stations Pts 1,2 & 3 at  
<http://www.arrl.org/tis/info/emergency.html>  
for everything you need to know about Float charging large lead acid cells

--

Brendan Minish EI6IZ  
ei6iz@oceanfree.net  
PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

-----

Date: Thu, 1 Feb 2001 13:38:17 -0800  
From: Mike Gipe <mgipe@reliablemeters.com>  
To: k5di@zianet.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90395] RE: FOX Where are they?  
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928F3C7@mission>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Karl --

Here's a repeat copy of K4FB's announcement:

I'll be up again this Thursday evening Feb 1 at 9pm EST (That's 0200z on Feb2). I'll be around 7040 +/- and listening up at least 1. Please don't call on my transmit frequency during the first hour as I will NOT be listening there.

Standard exchange:

Fox: K4FB FOX  
Hound: W2XN  
Fox W2XN 559 FL Paul 5w W2XN bk  
Hound: 559 FL Fred 5w W2XN  
Fox: TU K4FB

Lets hope for good conditions!

I'll be running K2 #568 @ 5 watts into a 40m inverted-vee up 70' and logging with WriteLog v10.23.

73  
Paul K4FB

> -----Original Message-----  
> From: Karl F. Larsen [mailto:k5di@zianet.com]  
>  
> I looked and K4FB is due to be a 30 wpm fox at 0200UTC but sure  
> see nothing from him on the list. Have the rules been changed?  
>  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

>

-----  
Date: Thu, 01 Feb 2001 16:45:19 -0500  
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>  
To: k5di@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90396] Re: FOX Where are they?  
Message-ID: <3A79D8EF.E7AED27A@eng14.rochny.uspra.abb.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hope he didn't forget!!

"Karl F. Larsen" wrote:

>  
> I looked and K4FB is due to be a 30 wpm fox at 0200UTC but sure  
> see nothing from him on the list. Have the rules been changed?  
>  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 1 Feb 2001 16:29:37 -0500  
From: Jack Falk <k4byf@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [90397] Crystal Freq.  
Message-ID: <20010201.164041.-885415.0.K4BYF@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

N6CM, in the Summer 1998 QRPP, has a schematic of a 2 transistor 40 mtr transceiver that uses 2 parallel identical crystals to increase the tuning range. Does anyone know if the crystals must be matched or can they be same freq. "off the shelf variety" ?? Thanks de Jack, K4BYF.

-----  
GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 1 Feb 2001 16:49:28 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: prvalko <prvalko@oakland.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90398] Infrequently Used Morse Characters  
Message-ID: <Pine.OSF.4.21.0102011639090.6808-1000000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 1 Feb 2001, in discussing the method of sending a negative number, Richard Rood wrote:

> what's wrong with - dah didididi dah)

Ha! I knew someone was going to look up the Morse character for the minus sign.

So I suppose the answer, regardless of our personal feelings about CW is, that since almost NOOOOObody ever uses or used or was tested on that character... it wouldn't do much good to send it.

Reminds me of the discussion of the "@" sign a couple years ago for email addys. Seems sending an almost undecipherable string of dits and dahs wasn't as smart as just sending "Didah Dah"

ObQRP: A friend of mine got that new little FT-817 and really likes it. I'm thinking of taking the plunge at Dayton.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at:  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Thu, 01 Feb 2001 13:52:22 -0800  
From: "Lofgren, Charles" <charles.lofgren@CLAREMONTMCKENNA.EDU>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90399] RE: Antenna Feed Lines -- perplexing qq's  
Message-ID: <F5D75B0DA3E8D311BA9B00062938420301D17BE0@mss1-mach>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1



Content-transfer-encoding: 7BIT

Don Wilhelm wrote:

"With these basics, check out the information and formulas in the feedline section of the ARRL handbook on quarter wave sections to see just what will transform to which - it is sort of like inverting the impedance around the characteristic impedance of the line (thus 100 ohms is transformed to 50 on a 1/4 wave 75 ohm line - difference of 25 on each side of the 75 ohm midpoint)."

The precise relationship in this instance is

$$Z_i = Z_o^2 / Z_L$$

$$\text{or } Z_o = \text{SQRT}(Z_i * Z_L)$$

Where  $Z_i$  is the impedance looking into the quarter-wave section of transmission line,  $Z_o$  is the characteristic impedance of the line, and  $Z_L$  is the impedance (load) terminating the line. This also works for odd multiples of a quarter-wave. The assumption is that the line is lossless, but the formula is close if losses are low.

So a quarter-wave section of 75 ohm line will transform a 100 ohm load to 56.25 ohms.

A BASIC program for various transmission line calculations (and one which takes account of line loss) is ZIZL, available on NorCal's Web site. Another is TLA, which comes on the disk that's included with the ARRL Antenna Book and I believe is also available online. Either of these makes it easy to work with complex impedances ( $R+jX$ ) and each one includes data on common transmission lines. TLA also will calculate related antenna tuner losses (but for ell and tee networks, not link-coupled tuners).

Charlie Lofgren, W6JJZ  
clofgren@mckenna.edu

-----  
Date: Thu, 1 Feb 2001 15:54:35 -0600  
From: lfcpa@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [90400] FS: cleaning shack

Message-ID: <20010201.155436.98.0.lfcpa@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

I am cleaning the shack. Hope to get a K-1.

Small Wonders SW-40+ with factory enclosure. Includes optional RIT and freq-mite frequency annunciator. Rig is as new and works perfectly. It is presently set up for the novice portion of the 40M band but can be easily changed by removing one winding from one of the toroids. Includes manuals for the radio, freq--mite and the rit. Also includes the Elmer 101 book. \$100.00 includes shipping in CONUS. This radio is a sweetie.

Norcal SMK-1. Rig is built and is in the NJQRP enclosure. Rig works great. When I built the enclosure I missed one of the front cover pot holes by 1/4". I still think it is pretty but beauty is in the eye of the beholder. I am including a new unbuilt NJQRP enclosure kit in case you want to create perfection yourself. If you have wanted one of these tiny radios but didn't want to tackle smt construction, here's your chance. \$40.00 includes shipping CONUS. Includes manual (if I can find it)

MFJ 9020 20M qrp rig. This radio works fine and looks great. I installed the optional MFJ audio filter in it. Includes original box and manual. I will also throw in a new unbuilt Halted Specialties Pixie transceiver kit with this radio. \$85.00 shipped CONUS.

Thanks,

Leland KD5JAM  
Lubbock, TX

-----  
Date: Thu, 01 Feb 2001 13:54:17 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: k4byf@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90401] Re: Crystal Freq.  
Message-ID: <3A79DB09.33DCF960@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jack Falk wrote:

>

> N6CM, in the Summer 1998 QRPp, has a schematic of a 2 transistor 40 mtr  
> transceiver that uses 2 parallel identical crystals to increase the  
> tuning range. Does anyone know if the crystals must be matched or can  
> they be same freq. "off the shelf variety" ?? Thanks de Jack, K4BYF.  
>

Seems like that techniques was used by some to increase the tuning range  
of the SST. A rather complete set of SST mods/experiments is at:

<http://www.g3ycc.karoo.net/sst1.html>

Phil W70X

-----  
Date: Thu, 01 Feb 2001 15:54:29 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: prvalko@oakland.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90402] Re: Infrequently Used Morse Characters  
Message-ID: <3A79DB15.FF9643F1@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guess things have changed since the 40's when it was common to copy

    dahdididididah for the hyphen or minus or dash

and the counterpart

    didahdahdahdit for the apostrophe

Maybe with the demise of CW traffic handling, some of the more arcane  
characters are falling by the wayside.

But, I would almost swear that I had one of these, or maybe both, on my  
13 wpm code test back then . . .

72/73, George   W5YR - the Yellow Rose of Texas           NETXQRP 6

Fairview, TX   30 mi NE Dallas in Collin county           QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Paul R. Valko" wrote:

>

> Ha! I knew someone was going to look up the Morse character for the minus  
> sign.  
>  
> So I suppose the answer, regardless of our personal feelings about  
> CW is, that since almost NOOOOObody ever uses or used or was tested on  
> that character... it wouldn't do much good to send it.

-----  
Date: Thu, 01 Feb 2001 15:57:37 -0600  
From: Richard Matthews <prm@hiwaay.net>  
To: prvalko@oakland.edu, qrp-l@lehigh.edu  
Subject: [90403] XCVR: FT-817  
Message-ID: <3.0.1.32.20010201155737.0178fb60@hiwaay.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 16:49 2/1/01 -0500, you wrote:

>  
>  
>ObQRP: A friend of mine got that new little FT-817 and really likes  
>it. I'm thinking of taking the plunge at Dayton.  
>  
>73! =paul= W8KC  
>.....

Went over to <http://www.universal-radio.com/catalog/hamhf/0817.html> and  
checked it out . . WOW. Is \$759.95 a good price for the basic unit? I would  
have to have a shack cleaning to earn that rig.

73,

Richard WA4NWW

-----  
Date: Thu, 01 Feb 2001 13:07:19 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: w7ox@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90404] Crystal Freq. and SST Mods/experiments URL  
Message-ID: <3A79DE17.B77196E1@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The most complete SST listing is found on my website at  
<http://www.qsl.net/al7fs> Just scroll down to

SST QRP Transceiver Mods and Information from QRP-L. Current as of 1/1/2000.

There hasn't been a lot of SST info during the year 2000 but some day I will do another update to pick up the past year of emails.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
<http://www.qsl.net/al7fs/>

Phil Wheeler wrote:

2 parallel identical crystals to increase the tuning range.

> Seems like that technique was used by some to increase the tuning range  
> of the SST. A rather complete set of SST mods/experiments is at:  
>  
> <http://www.g3ycc.karoo.net/sst1.html>  
>  
> Phil W7OX

-----

Date: Thu, 1 Feb 2001 17:12:22 -0500  
From: "Charles Mabbott" <crmabbott@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90405] RE: Infrequently Used Morse Characters  
Message-ID: <GAECLOGOMILPLBGKKPEGMEBNCDAACRMABBOTT@MEDIAONE.NET>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Let me see they have cuts, for example 5NN is a cut for 599. Another example is ENN which based on the cut table is also 599.

M -- two things sent  
minus -- .. -. ... \$seems long at 12 things

neg -. . --. six things sent

- -....- is also six things and it's the proper code

Seems like learning one character should not take to long, have a friend whose last name has an apostrophy

in it (i.e. .----. ) See I like this list, I learn something new every day!!

73,

Chuck AA8VS

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Paul R. Valko

Sent: Thursday, February 01, 2001 4:49 PM

To: Low Power Amateur Radio Discussion

Subject: Infrequently Used Morse Characters

On Thu, 1 Feb 2001, in discussing the method of sending a negative number, Richard Rood wrote:

> what's wrong with - dah didididi dah)

Ha! I knew someone was going to look up the Morse character for the minus sign.

So I suppose the answer, regardless of our personal feelings about CW is, that since almost NOOOOObody ever uses or used or was tested on that character... it wouldn't do much good to send it.

Reminds me of the discussion of the "@" sign a couple years ago for email addys. Seems sending an almost undecipherable string of dits and dahs wasn't as smart as just sending "Didah Dah"

ObQRP: A friend of mine got that new little FT-817 and really likes it. I'm thinking of taking the plunge at Dayton.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Thu, 1 Feb 2001 15:12:44 -0700

From: "Bob Hightower" <nk7m@extremezone.com>

To: "Paul Valko" <pvalko@auburnhills.org>

Cc: "qrp list" <qrp-l@lehigh.edu>

Subject: [90406] Re: Urgent FYB0 News/Info

Message-ID: <002b01c08c9c\$1b17b820\$431df5cc@dell>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Paul Valko" <pvalko@auburnhills.org>  
To: <nk7m@extremezone.com>  
Sent: Thursday, February 01, 2001 10:12 AM  
Subject: Urgent FYBO News/Info

> Bob!  
>  
> The USECA club of S.E. Michigan (which holds the world's largest all-QRP  
> Field Day with over 250 participants) is going ALL OUT with FYBO. They  
> want to operate MULTI-MULTI but are worried that you will not accept  
> their score because there is no multi-multi catagory.  
>  
> Can you make a quick judgement call on this??? I'll pass it along  
> immediately. If you post something to QRP-L about it that would be  
> great.  
>  
> USECA will be operating ON the frozen wasteland of Lake St. Clair!!! Is  
> that cool or what? Looks like they will be running 3A or 4A battery  
> :-) using the club callsign K8UO.  
>

Good luck, Paul, but, as we've already said, no MULTI-MULTI in this one.  
Maybe for next year.

If another group had not already been turned down, it might have been a go,  
but with this short a time to the 'test, wouldn't be fair.

Maybe we'll have a club category next year.

72/73  
Bob Hightower NK7M

-----  
Date: Thu, 1 Feb 2001 15:17:33 -0700  
From: "Bob Hightower" <nk7m@extremezone.com>  
To: <at902@tcnet.org>  
Cc: "qrp list" <qrp-l@lehigh.edu>  
Subject: [90407] Re: FYBO / Morse Code question

Message-ID: <004501c08c9c\$c785dec0\$431df5cc@dell>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "KENNETH ROBERT MCGUIRE" <at902@tcnet.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, February 01, 2001 11:16 AM  
Subject: FYBO / Morse Code question

> Stupid question, but...  
>  
> If the temperature is below zero, how do you send it? NEG? Just want to  
> be prepared for that long exchange..  
>

Hmmm, that's a good one. Personally, I'd prefer not to be out in that, but,  
if you insist on doing so, how about using "M(temp)" for the exchange.

So, all of you nuts out there in below zero weather, please use "M(temp)",  
such as M10 for -10, for the exchange.

Also, for our nothern neighbors, a reminder that temps are to be send in  
degrees F.

-----

Date: Thu, 1 Feb 2001 17:20:13 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90408] Re: Infrequently Used Morse Characters  
Message-ID: <002101c08c9d\$285fe060\$010044c0@baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Recently I built the code reader that was in the 8/99 QST (well, sort of  
that one, you know how it is). Anyway, I had to modify the program so it  
would handle those characters. You would think that if someone was going to  
publish something like that, it would at least be complete.

The minus sign I even remembered. That caused me to look in the book where



I discovered the apostrophe, which I never knew, and a few others, some of which I had known once.

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>

Subject: Re: Infrequently Used Morse Characters

> Maybe with the demise of CW traffic handling, some of the more arcane  
> characters are falling by the wayside.  
>  
> But, I would almost swear that I had one of these, or maybe both, on my  
> 13 wpm code test back then . . .

-----  
Date: Thu, 1 Feb 2001 15:26:45 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Mike Gipe <mgipe@reliablemeters.com>  
Cc: <k5di@zianet.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90409] RE: FOX Where are they?  
Message-ID: <Pine.LNX.4.31.0102011525430.781-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Mike will be trying with my mobile station tonight. FL is usually pretty strong here...

On Thu, 1 Feb 2001, Mike Gipe wrote:

> Karl --  
>  
> Here's a repeat copy of K4FB's announcement:  
>  
>  
>  
> I'll be up again this Thursday evening Feb 1 at 9pm EST (That's 0200z on  
> Feb2). I'll be around 7040 +/- and listening up at least 1. Please  
> don't call on my transmit frequency during the first hour as I will NOT  
> be listening there.  
>

> Standard exchange:  
>  
> Fox: K4FB FOX  
> Hound: W2XN  
> Fox W2XN 559 FL Paul 5w W2XN bk  
> Hound: 559 FL Fred 5w W2XN  
> Fox: TU K4FB  
>  
> Lets hope for good conditions!  
>  
> I'll be running K2 #568 @ 5 watts into a 40m inverted-vee up 70' and  
> logging with WriteLog v10.23.  
>  
> 73  
> Paul K4FB  
>  
>  
>  
>  
> > -----Original Message-----  
> > From: Karl F. Larsen [mailto:k5di@zianet.com]  
> >  
> > I looked and K4FB is due to be a 30 wpm fox at 0200UTC but sure  
> > see nothing from him on the list. Have the rules been changed?  
> >  
> > Yours Truly,  
> >  
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
> >  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 01 Feb 2001 17:42:19 -0500  
From: "William Mabry" <n4qa@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: n4qa@juno.com  
Subject: [90410] Re:Infrequently Used Morse Characters  
Message-ID: <F74pHkatd4gmSknvh7w0000611f@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Hey George and group.

I still use didahdahdahdit and dahdidididah on the air, occasionally just to see what sort of response I get :)

I suppose that the hyphen and apostrophe only live on traffic nets and on pc keyboard CW programs nowadays..."what the heck was that?" he said, as he pressed the 'wrong' key.

Dahdidahdahdit and dahdidahdahdidah '(' and ')' are fun, too.

Yeah, I know, some folks use Dahdidahdahdit for both but not me :)

73- /hyphen/ minus/ dash/ etc) 1

Bill, N4QA Dahdididahdit QRP

---

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----

Date: Thu, 1 Feb 2001 14:44:32 -0800

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: <qrp-1@lehigh.edu>

Subject: [90411] Two who deserve QRP Hall of Fame Election

Message-ID: <01c08ca0\$8b4fe960\$330b0d0a@dhendricks>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys, Mike C. has posted to the list the procedure for nominating deserving people to the arkie QRP Hall of Fame. I have thought about this one for a couple of weeks now, and two names come to mind that just jump out at me as deserving the award.

George Heron, N2APB. Gosh, when you look at what this man has done, it is almost a no-brainer that he deserves it. He co-founded the NJQRP club, he started and maintains the NJQRP webpage, he is the founder and editor of QRP Homebrewer, the absolutely excellent journal of the NJ QRP Club, he has been the project manager and the guy who makes sure that the ball doesn't get dropped on every one of the NJ QRP Club projects, including the Fireball transmitter, Fireball Amp, Rainbow Tuner, Tuna Tin 2 kits (over 1000), SOP Receiver, SMK-1 Case kits, PSK80 Warbler, and probably a few that I have left out. He also is the force behind Atlanticon. He had the guts to start Atlanticon, and succeeded even though he had opposition from some who did not like the idea of a qrp forum on the East Coast for whatever reason. George is a much traveled speaker who is in high demand on the QRP Forum circuit, and justifiably so. When you consider all of this, you see why I say it is a no-brainer that he deserves to be elected. It should be unanimous.

JayBob Bromley is the second one that comes to mind. JayBob is one of those guys who contributes at every opportunity. He is not afraid to put up his own money and to give of his time to further the hobby. Jay built K2 #7, and hauled it around showing it to everyone who would look at it. He went to at least 10 hamfests around the Ft. Smith area, traveling as far as Little Rock to the east and to Dallas to the south, demonstrating the K2. He was not paid to do this. He paid full price for his kit, but he wanted to show people what could be done with qrp and with a qrp kit. JayBob probably sold 25 - 50 K2's for Elecraft. I sure hope they appreciate him, because he was one of the first to toot their horn.

JayBob is not just an Elecraft fan. He has built just about every kit to come out in the past 5 years. He did the Oak Hills rigs, the Benson rigs, the NorCal rigs, building them, taking them to meetings and hamfests to show the boys. It didn't have to be a big affair either. I went with him one time to Fayetteville. There was a mixup and only 2 guys showed up. Didn't bother JayBob at all. He took the two guys out and talked QRP to them for 2 hours. He went back a couple of months later and did the presentation to the whole group.

Jay has traveled to Dayton, Hamcom, Ft. Tuthill and Pacificon several times, just to attend and learn about QRP. I remember talking with him at Dayton and having him ask me what it would take to get me to come to Ft. Smith to give a QRP Forum talk. I said a plane ticket and a hotel room. Jay Bromley put together Arkiecon from that conversation. He paid for Chuck Adams and I to come to the first Arkiecon out of his own pocket!! Several guys have asked over the years, but JayBob is the one who followed through and did it.

Last year's Arkiecon was as good a QRP Forum as I have ever attended anywhere, anytime. What a great facility, wonderful people, and it went off without a hitch. The man behind it all, raised all the money through the sales of VE3DNL marker generator kits, was JayBob Bromley. This year he is doing it again, and he did it with more VE3DNL kits and a new one, the P-TiCK Paddle - Keyer combo kit that also sold for \$10!!

JayBob is also an accomplished operator. I have seen with my own eyes his Delta Division First Place Sweepstakes Plaque for QRP!! He works contests, qso parties, chases the fox, works DX etc. He also is an active elmer for the local QRPers. Many of the local Ft. Smith guys can attest to the help that JayBob gives willingly to any who ask.

JayBob Bromley, W5JAY is as deserving as anyone out there for enshrinement in the QRP Hall of Fame. So is George Heron, N2APB. These guys are models that the rest of look up to, and they deserve to be honored. I will be writing a letter of nomination, actually an email to Mike C. for both of these gentlemen. I urge that you do the same. The letter needs to have supporting evidence for your cause, and if you have an example of the work that these two fine men have done for QRP that I have not mentioned, please

include it. You may also feel free to use the information that I have mentioned here. Lets get behind these two deserving guys.

And to the arkie guys who will be voting as well as the Hall of famers who vote, I ask that you give these men your strongest consideration. They deserve it. Their election will raise the standard in the arkie QRP Hall of Fame.

72, Doug, KI6DS

-----  
Date: Thu, 1 Feb 2001 17:07:47 -0600  
From: "Larry Gaalaas" <lgaalaas@qwest.net>  
To: nk7m@extremezone.com, " Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90412] Re: FYBO / Morse Code question  
Message-ID: <001b01c08ca3\$cb19d6c0\$0300000a@larry>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

How about 10B for 10 below. That's how those of us who live in MN talk about it. We're hoping it will warm up just to that 19 degree mark so we can max the multiplier.

Larry KB0R      MN QRP SOCIETY    WQ0RP  
----- Original Message -----  
From: "Bob Hightower" <nk7m@extremezone.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, February 01, 2001 4:17 PM  
Subject: Re: FYBO / Morse Code question

>  
> ----- Original Message -----  
> From: "KENNETH ROBERT MCGUIRE" <at902@tcnet.org>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, February 01, 2001 11:16 AM  
> Subject: FYBO / Morse Code question  
>  
>  
> > Stupid question, but...  
> >  
> > If the temperature is below zero, how do you send it? NEG? Just want  
to  
> > be prepared for that long exchange..  
> >

>  
> Hmmm, that's a good one. Personally, I'd prefer not to be out in that,  
but,  
> if you insist on doing so, how about using "M(temp)" for the exchange.  
>  
> So, all of you nuts out there in below zero weather, please use "M(temp)",  
> such as M10 for -10, for the exchange.  
>  
> Also, for our nothern neighbors, a reminder that temps are to be send in  
> degrees F.  
>  
>

-----  
Date: Thu, 01 Feb 2001 15:34:18 -0800  
From: Jeff Grudin <grudin@vdbbs.com>  
To: qrp-l@lehigh.edu  
Subject: [90413] More on the generator question  
Message-ID: <3A79F27A.818F4BE1@vdbbs.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Guys thanks for the replies so far.

However no one has addressed my actual question. What Greg has suggested is very similar to what I have been doing at field day. We plug the battery charger into the generator and then float charge the battery while it is in use. This works fine and in 5 years of doing it I have never had a problem. The battery charger is 10A and cuts to 2A trickle charge when battery is topped up.

The generator that I am considering puts out 8A and my question is will that be enough to maintain the charge on the battery during a contest? I think that it will as the radio draws much less than that on receive. But I would like to know how to calculate it so I can make more than a guess.

--

73 de AC6KW <mailto:grudin@vdbbs.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----

Date: Thu, 01 Feb 2001 18:43:20 -0500  
From: John Harper <ae5x@qsl.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [90414] QSL info  
Message-ID: <000501c08ca8\$c28a1ec0\$5b7abc18@johnharp>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Does anyone know of a web site with qsl manager info for recently active DX stations?

Specifically looking for :

9G5AA

3V8BB

V51AS

D4A

Thanks and 72,

John Harper AE5X

Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

-----  
Date: Thu, 1 Feb 2001 18:43:57 EST  
From: K4NK@aol.com  
To: qrp-l@lehigh.edu  
Subject: [90415] TIME for CLUB News ITEMS  
Message-ID: <85.659ec3a.27ab4ebd@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello all Clubs ...Time for me to put togeather another Club House column for the spring QRP Quarterly. Please send me any info regarding your club and club activities. Nets , events e-mail and web site info anything club related. 72 and Thanks

Les K4NK                      K4NK@aol.com

-----  
Date: Thu, 1 Feb 2001 18:51:27 EST  
From: K4NK@aol.com

To: qrp-1@lehigh.edu  
Subject: [90416] Books for sale  
Message-ID: <3a.104c1507.27ab507f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello Gang;

I know how you all like Books and I have a few for sale. First is a great copy of the "Radio Handbook " by Bill ORR W6SAI hard cover , 19th edition in very good shape. \$25.00 shipped.  
Next a big one "Radio Designers Handbook " ,this is 1500 pages of everything . It is a 4th Edition and has a RCA label on the cover. Hard cover, red, cond good but a little mold on back cover. I have heard these are rare birds. \$25.00 shipped.

Thanks I also have many old ARRL books 1950's thru 1990's need something ASK

Thanks Les K4NK

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End of QRP-L Digest 2085

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